

# **SREE CHAITANYA COLLEGE OF ENGINEERING**

(Approved by AICTE, New Delhi, Affiliated to JNTU, Hyd)

**LMD COLONY, KARIMNAGAR – 505 527 (A.P.)**



## ***CERTIFICATE***

*Certified that this Bonafide record of the laboratory work carried out by*

\_\_\_\_\_ *Hall Ticket No.* \_\_\_\_\_ *Branch* \_\_\_\_\_

*Academic Year* \_\_\_\_\_ *Semester* \_\_\_\_\_ *in* \_\_\_\_\_ *Laboratory of*

*B. Tech. / MCA / MBA / M.Tech ( ) Year.*

*Examiners: 1)*

2)

***Head of the Department***

***Lecturer***

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```

<!-- bookscatalogue.html -->
<html>
<title> BookCatalogue.html </title>
<body>
BookCatalogue page... <br><br>
<table width=75%>
  <tr> <a href= "hw.html" target="right"> Hardware Books </a> </tr> <br>
  <tr> <a href= "sw.html" target="right"> Software Books </a> </tr> <br>
  <tr> <a href= "magazine.html" target="right"> Mazines </a> </tr> <br>
</table>
</body>
</html>

```

```

<!-- hw.html -->
<html>
<title> hw.html </title>
<body> <center>
Hardware Book Catalogue....<br><br>
<table border="1" height="20%" width="40%" align="center">
<tr colspan="4" bgcolor="#eeaa00">
  <td> </td>
  <td><pre>
Book:Windows Internals
Author:Microsoft
Publication:Microsoft</pre></td>
  <td>$15.0</td>
  <td><input type="button" value="Add to cart"></td> </tr>
<tr bgcolor="#eeaa00">
  <td>
     </td>
  <td><pre>
Book:Cisco Training
Author:Cisco
Publication:Cisco</pre></td>
  <td>$20.0</td>
  <td><input type="button" value="Add to cart"></td> </tr>
<tr bgcolor="#eeaa00">
  <td>
    </td>
  <td><pre>
Book:A+ Certification
Author:Xyz
Publication:Xyz </pre></td>
  <td>$13.0</td>
  <td><input type="button" value="Add to cart"></td> </tr>
</table>
</center></body>
</html>

```

```

<!-- sw.html -->
<html>
<title> sw.html </title>
<body> <center>
Software Book Catalogue.... <br><br>
<table border="1" height="20%" width="40%" align="center">
<tr colspan="4" bgcolor="#eeaa00">
  <td> </td>
  <td><pre>
Book: XML Bible
Author: Winston
Publication: Wiely</pre> </td>
  <td>$20.0</td>
  <td><input type="button" value="Add to cart"></td> </tr>
<tr bgcolor="#eeaa00">
  <td>

```

```

         </td>
    </td></pre>
    Book: Java 2
    Author: Watson
    Publication: BPB</pre></td>
    <td>$32.0</td>
    <td><input type="button" value="Add to cart"></td> </tr>
</table>
</center></body>
</html>

<!-- magazine.html -->
<html>
<title> magazine.html </title>
<body> <center>
    Magazine Book Catalogue.... <br><br>
    <table border="1" height="20%" width="40%" align="center">
    <tr colspan="4" bgcolor="#eeaa00">
    <td> </td>
    <td><pre>
    Book: Linux For You
    Author: www.lfy.com
    Publication: Online/Offline
    Type: Monthly</pre></td>
    <td>$20.0</td>
    <td><input type="button" value="Add to cart"></td> </tr>
    <tr bgcolor="#eeaa00">
    <td>
         </td>
    <td><pre>
    Book: IT Today
    Author: XYZ Editor
    Publication: XY Pub.
    Type: Fortnightly</pre></td>
    <td>$4.0</td>
    <td><input type="button" value="Add to cart"></td> </tr>
    </table>
</center></body>
</html>

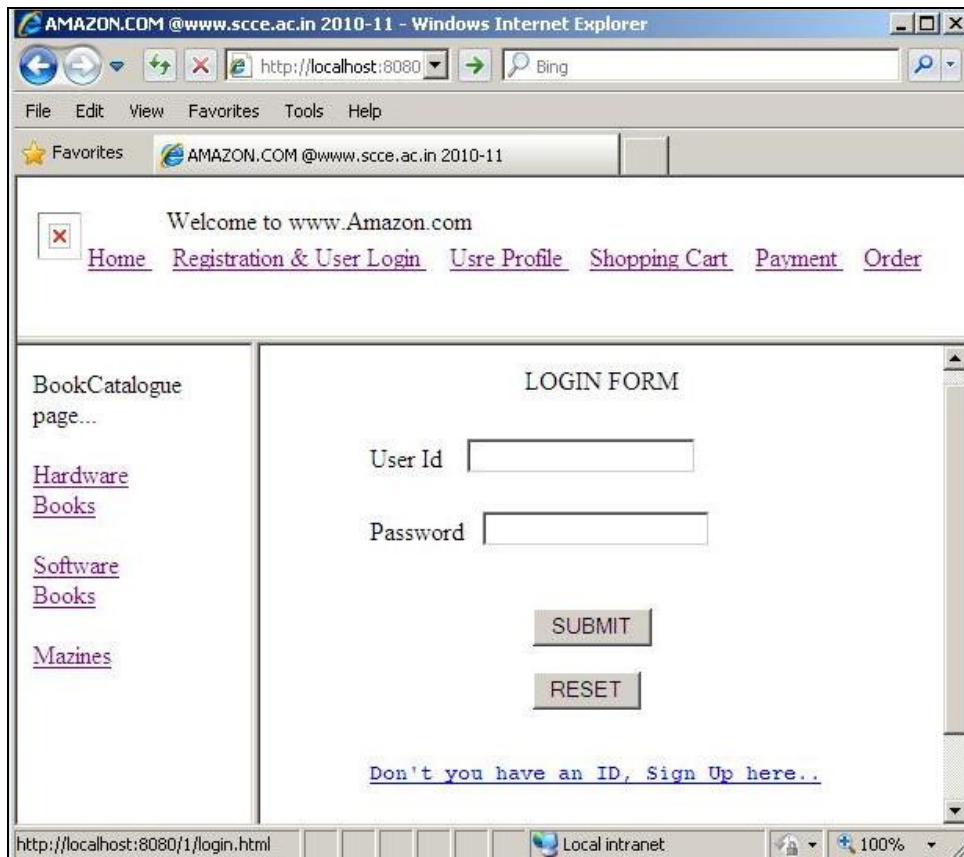
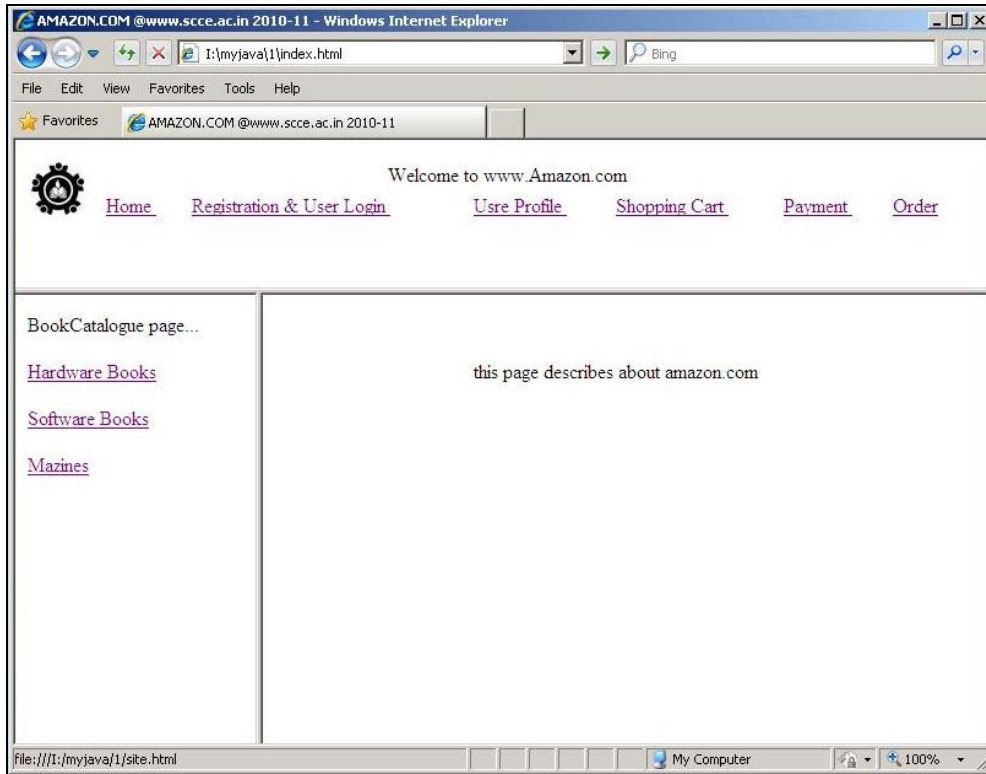
<!-- payment.html -->
<html>
<title> payment.html </title>
<body> <center>
    Welcome .. Payment page... <br><br>
    <table border=1>
    <tr><th>What will it take to pay off my credit card?</th></tr>
    <tr><td align="center">
    <table cellpadding=2 cellspacing=0>
    <tr><td align="right">
        Enter your credit card balance: $</td><td>
        <input size=6 type=text id="cwBalance"></td></tr>
    <tr><td align="right">
        Enter the credit card's interest rate: </td><td>
        <input size=6 type=text id="cwRate">%</td></tr>
    <tr><td align="right">
        Enter payment amount per month: $</td>
        <td><input size=6 type=text id="cwMonthlyAmount"></td></tr>
    <tr><td align="center"><b>or</b></td><td> </td></tr>
    <tr><td align="right">
        Enter desired months until debt free: </td>
        <td><input size=6 type=text id="cwDesiredMonths"></td></tr>
    <tr><td colspan=2 align="center">
        <input type=button value="Calculate" onclick="cwCalc();"></td></tr>
    <tr><td colspan=2 align="center" id="cwResult"></td></tr>
    </table></td></tr>

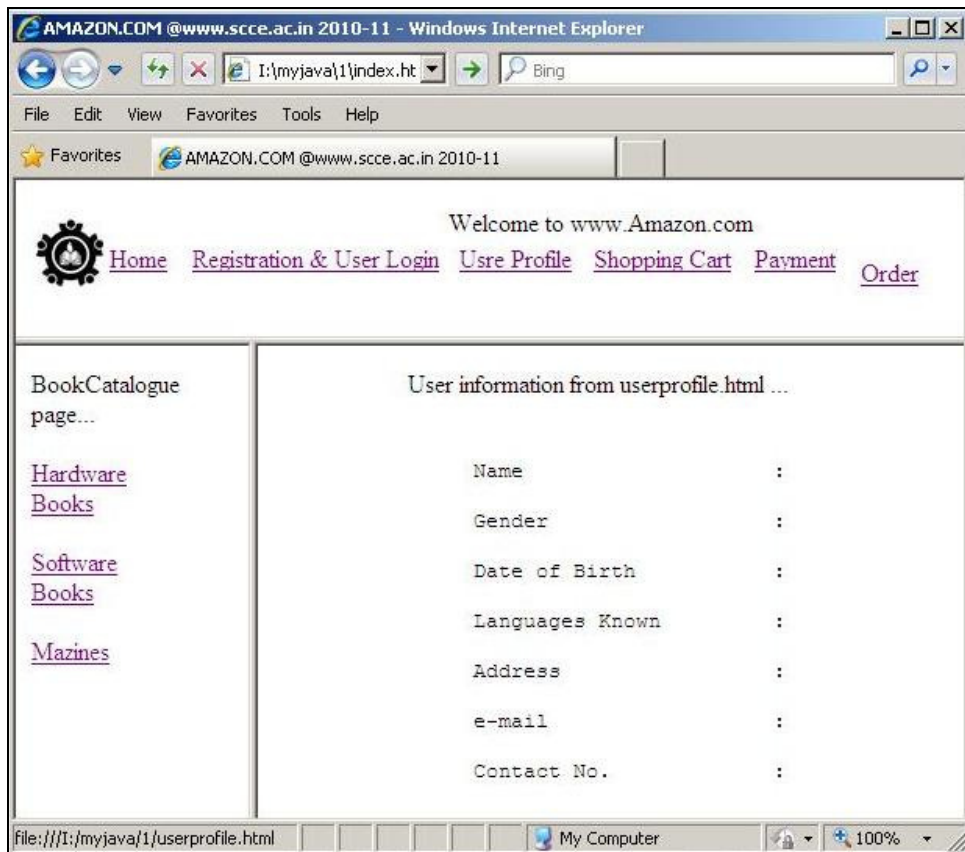
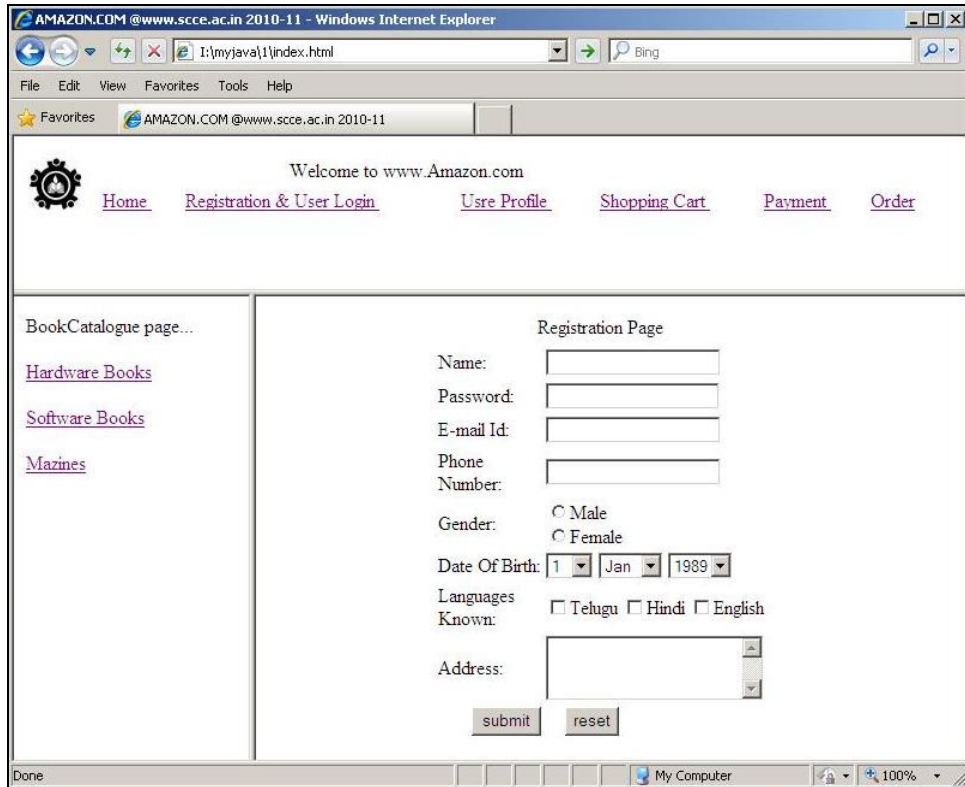
```

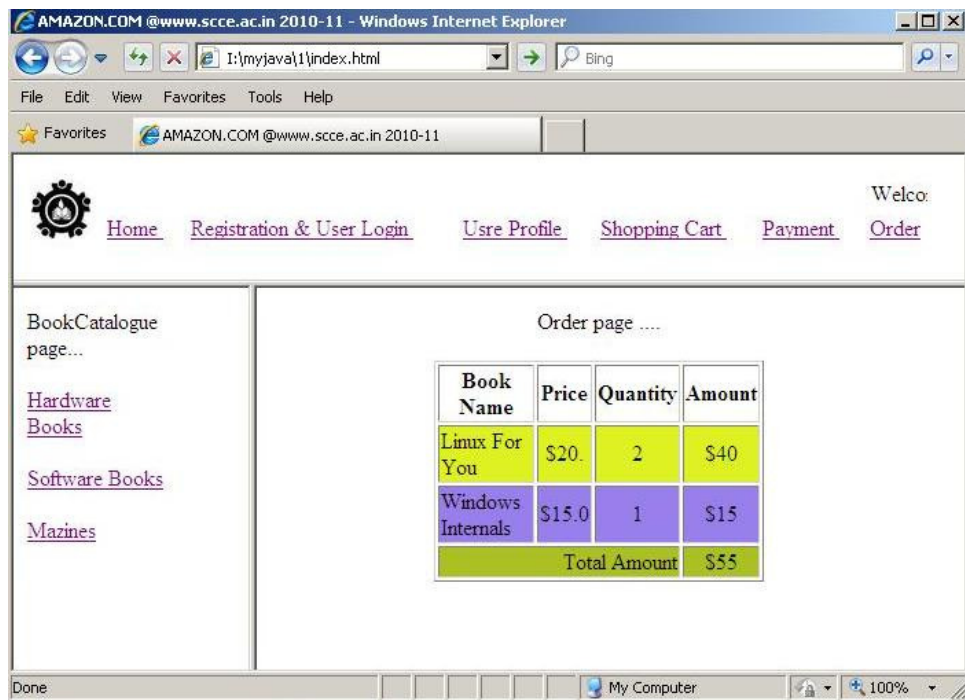
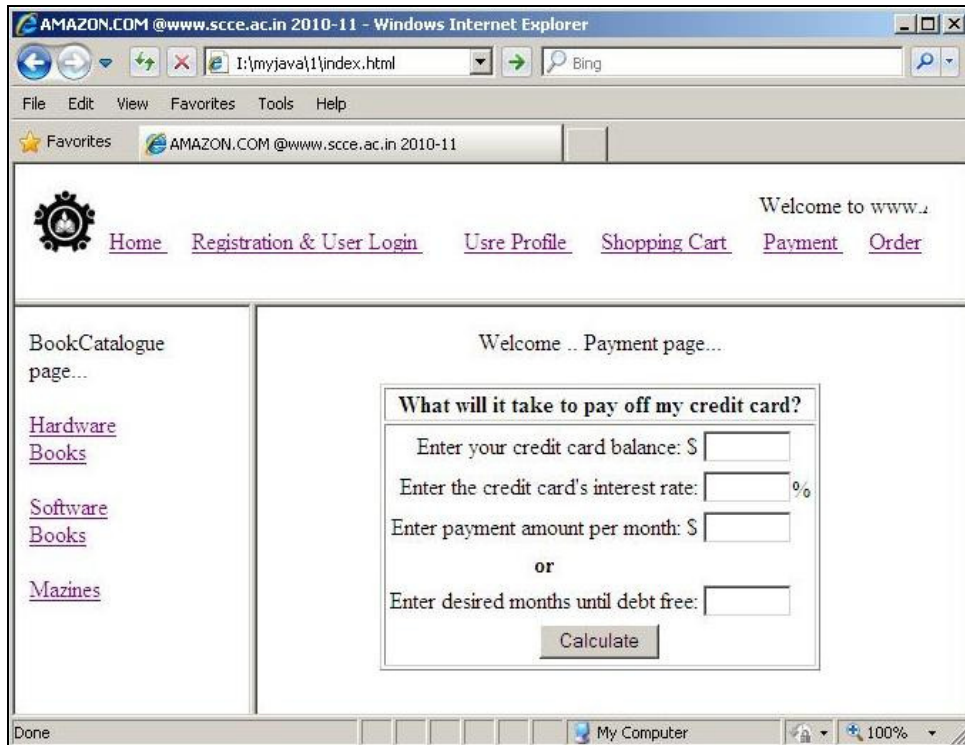
```
</table> </center>
</body>
</html>

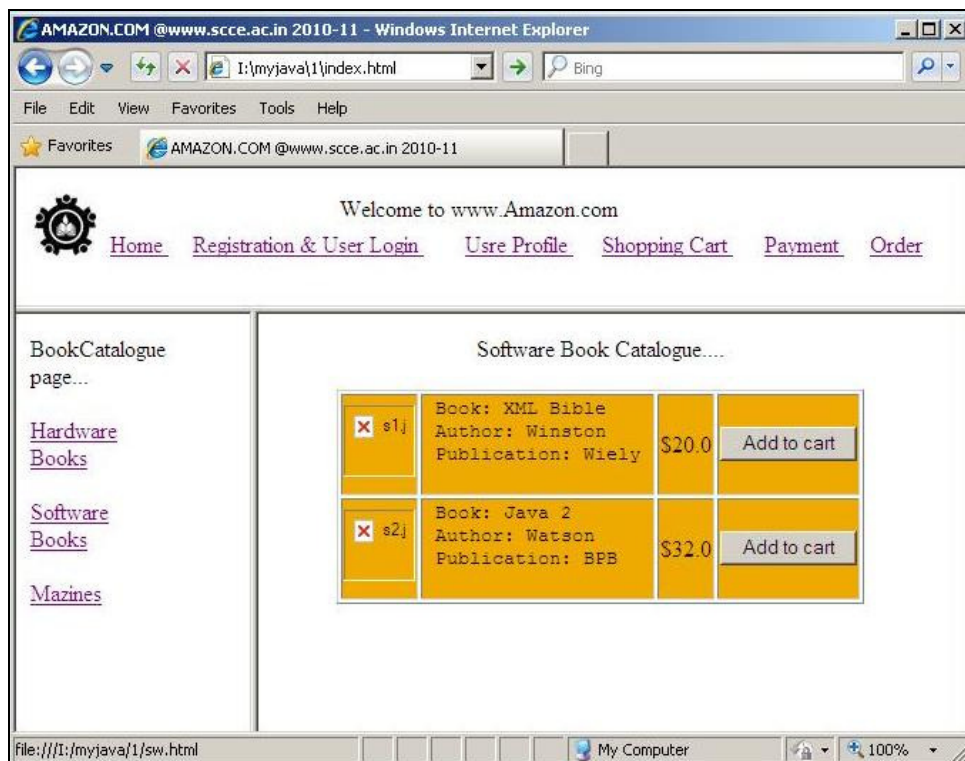
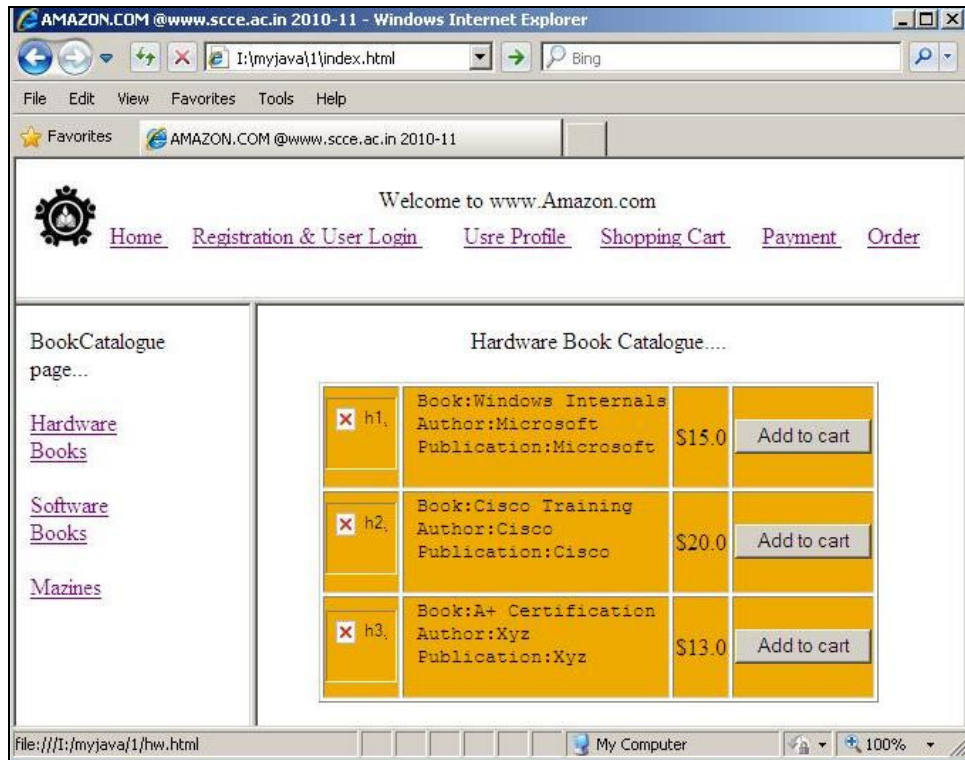
<!-- order.html -->
<html>
<title> order.html </title>
<body> <center>
  Order page .... <br><br>
<table border="1" width="50%" height="20%">
<tr><th>Book Name</th>
<th>Price</th>
<th>Quantity</th>
<th>Amount</th>
</tr>
<tr bgcolor="#def123">
<td>Linux For You</td>
<td align="center">$20.</td>
<td align="center">2</td>
<td align="center">$40</td>
</tr>
<tr bgcolor="#987feb">
<td>Windows Internals</td>
<td align="center">$15.0</td>
<td align="center">1</td>
<td align="center">$15</td>
</tr>
<tr bgcolor="#abc123">
<td colspan="3" align="right">Total Amount</td>
<td align="center">$55</td>
</tr>
</table>
</center></body>
</html>
```











AMAZON.COM @www.scce.ac.in 2010-11 - Windows Internet Explorer

I:\myjava\1\index.html

File Edit View Favorites Tools Help

AMAZON.COM @www.scce.ac.in 2010-11

Welcome to www.Amazon.com

[Home](#) [Registration & User Login](#) [Usre Profile](#) [Shopping Cart](#) [Payment](#) [Order](#)

BookCatalogue page...

[Hardware Books](#)

[Software Books](#)

[Mazines](#)

Magazine Book Catalogue....

<input type="checkbox"/> m1	Book: Linux For You Author: www.lfy.com Publication: Online/Offline Type: Monthly	\$20.0	Add to cart
<input type="checkbox"/> m2	Book: IT Today Author: XYZ Editor Publication: XY Pub. Type: Fortnightly	\$4.0	Add to cart

file:///I:/myjava/1/magazine.html

My Computer 100%

2. Validate the Registration, User login, User profile and Payment by credit card pages using JavaScript.

```

<!-- registration.html -->
<html>
<head>
<title>registration.html</title>
<script type="text/javascript">
function validate()
{
var val=true;
var re=/^\d{10}$/;
if(document.forms[0].name.value==" " && document.forms[0].password.value==" "
&& document.forms[0].eid.value==" " && document.forms[0].pno.value==" " &&
document.forms[0].address.value==" ")
{
alert("INVALID INPUT\nAll Fields were empty...");
val=false;
}
else
{
var rel=/^[a-zA-Z]+$/;
if(!document.forms[0].name.value.match(rel) ||
document.forms[0].name.value==" " ||
document.forms[0].name.value.length!=6)
{
alert("Name is EMPTY or\nIt must contain minimum 6 (only) ALphabets!");
val=false;
}
else
if(document.forms[0].password.value.length<6 ||
document.forms[0].password.value==" ")
{
alert("Password is EMPTY or\nIt must contain minimum 6 characters!");
val=false;
}
else
if(document.forms[0].eid.value.indexOf('@')== -1 || (document.forms[0].eid.value.indexOf('.') <
(document.forms[0].eid.value.lastIndexOf('@') || document.forms[0].eid.value.indexOf(' ') != -1))
{
alert("Invalid Email-Id");
val=false;
}
else
if(document.forms[0].pno.value==" " || !document.forms[0].pno.value.match(re))
{
alert("Phone Number is EMPTY or \nInvalid Pnone Number");
val=false;
}
else
if(document.forms[0].address.value==" ")
{
alert("Address field is EMPTY...");
val=false;
}
}
return val;
}
</script>
</head>
<body>
<form>
<table height="80%" width="50%" align="center">
<caption>Registration Page</caption>

```

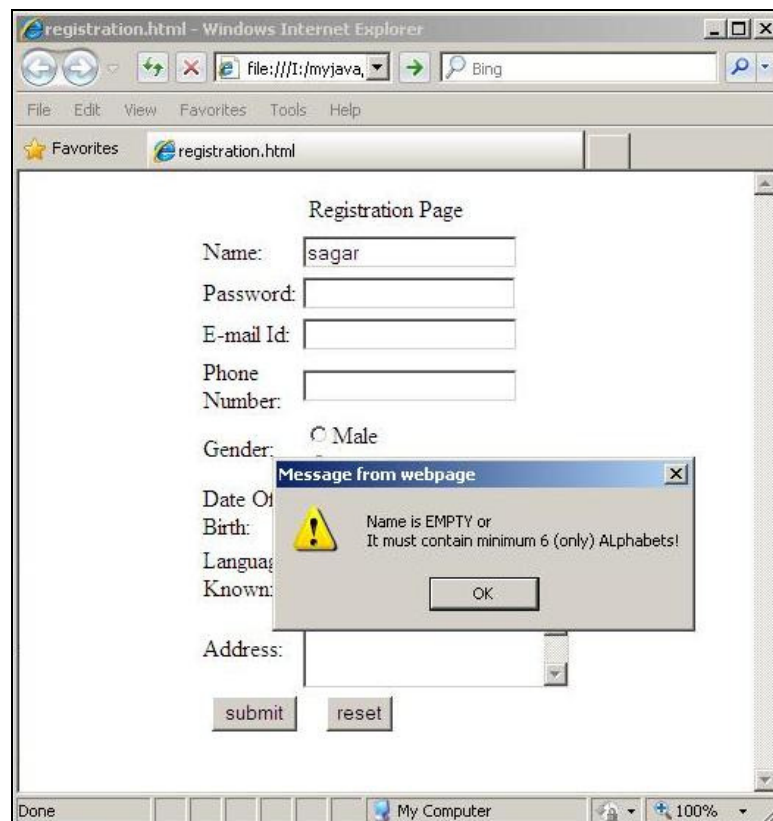
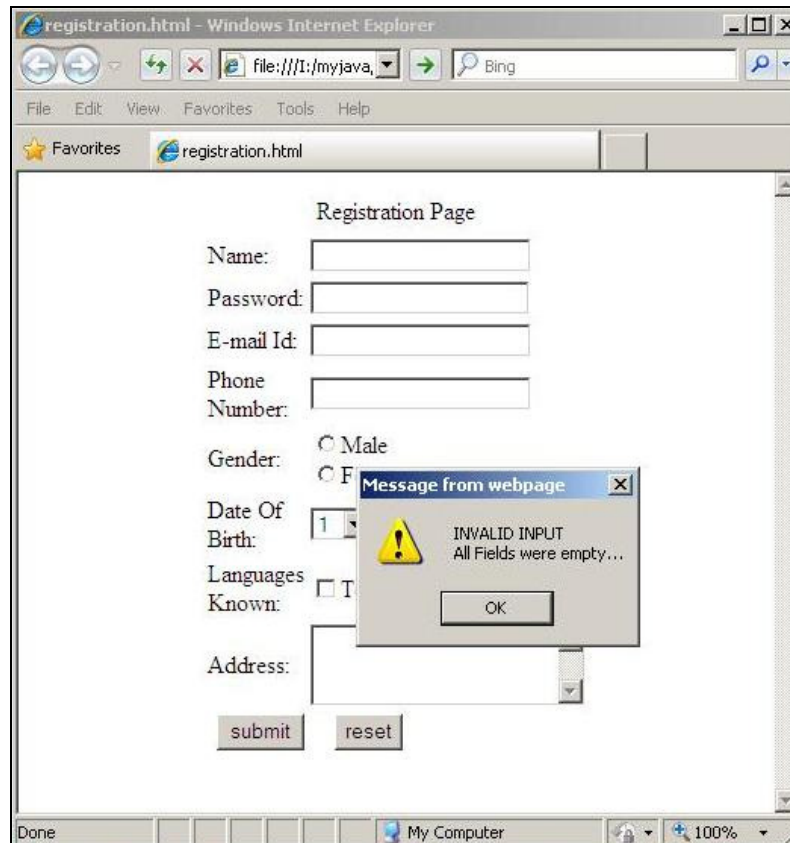


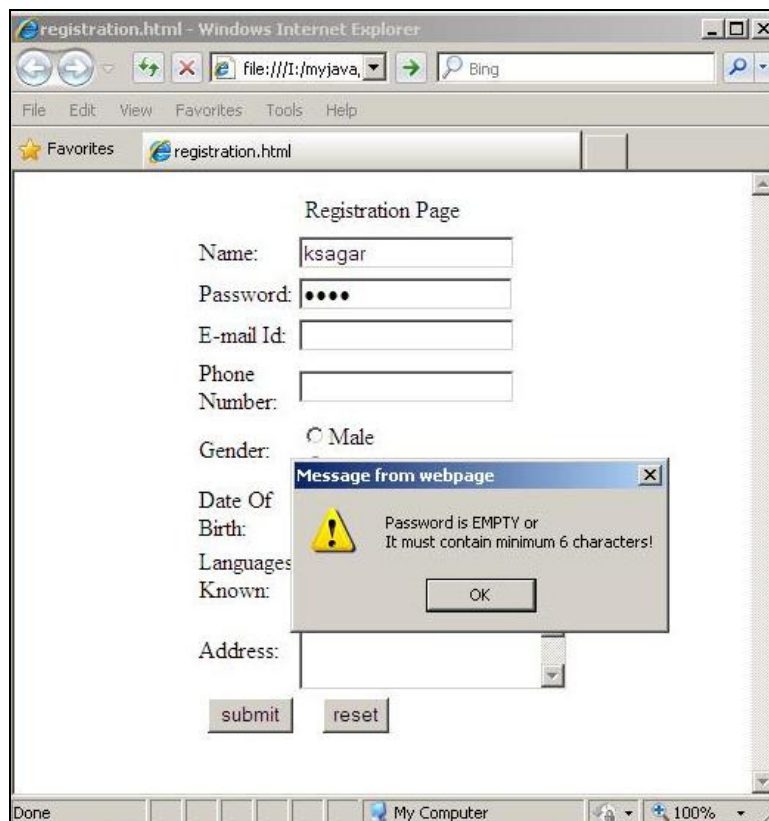
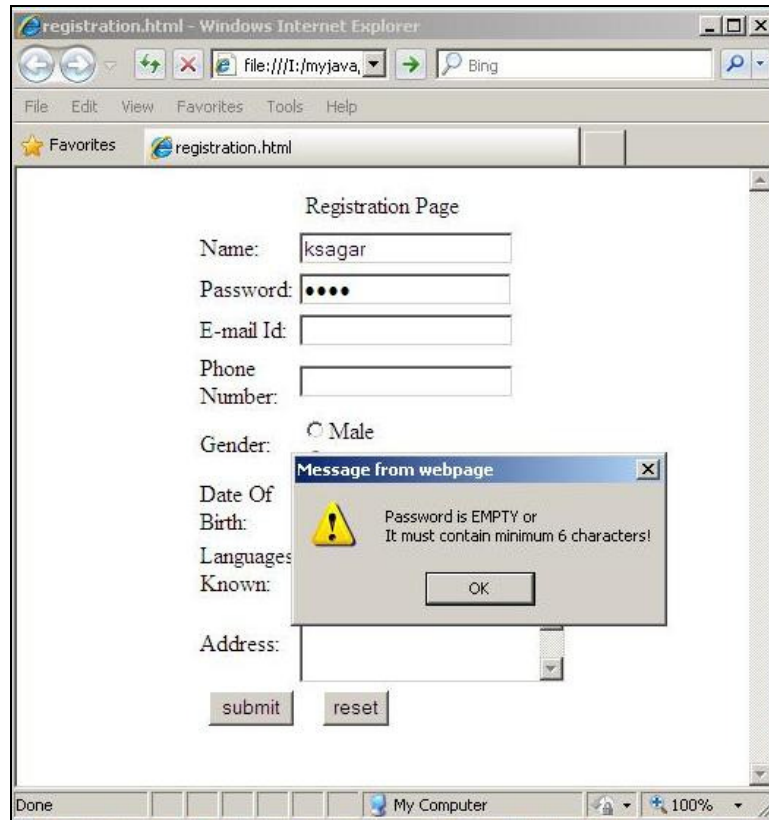


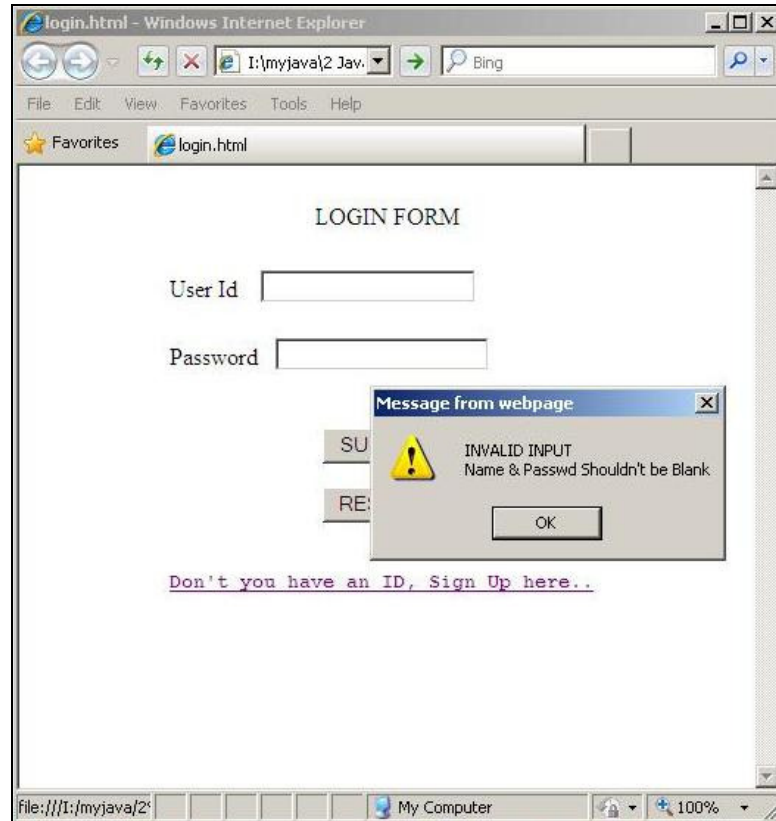
```
<!-- login.html -->
<html>
<head>
<title>login.html</title></head>
<body> <center>
<script language="javascript">
function validate()
{
var flag=1;
if(document.loginform.name.value=="||document.loginform.pass.value==" )
flag=0;
if(flag==1)
alert("VALID INPUT");
else
{
alert("INVALID INPUT \nName & Passwd Shouldn't be Blank");
<!-- document.loginform.focus(); -->
}
}
</script>
<form name="loginform">
<table cellpadding="10" align="center">
<caption>LOGIN FORM</caption>
<tr><td>User Id &nbsp; &nbsp; &nbsp; <input type="text" name="name"></td></tr>
<tr><td>Password &nbsp; <input type="password" name="pass"></td></tr>
<tr><td>
<pre>
<input type="submit" value="SUBMIT" onClick="validate()">

<input type="reset" value="RESET">
<h5><a href="registration.html" target="right">
Don't you have an ID, Sign Up here.. </a></h5>
</pre></td></tr>
</table>
</form> </center>
</body>
</html>
```









```

/**3. Create and save an XML document at the server, which contains 10 users
information.
// Write a program, which takes UserId as an input and returns the user
details
// by taking the user information from the XML document.

// It requires 3 files named: StudentDetails.java; web.xml and
Details.xml

// Content of StudentDetails.java
import javax.servlet.*;
import java.util.*;
import java.io.*;
import javax.xml.parsers.*;
import org.w3c.dom.*;
public class StudentDetails implements Servlet
{
    private DocumentBuilderFactory fact;
    private DocumentBuilder builder;
    private Document doc;
    private NodeList list, childs;
    private Node node, parent, child;
    private String str;
    private String hallTicket;
    private ServletConfig sc;
    public void init(ServletConfig sc)
    {
        try
        {
            this.sc=sc;
            str="C:/Details.xml";
            fact=DocumentBuilderFactory.newInstance();
            builder=fact.newDocumentBuilder();
            doc=builder.parse(str);
            System.out.println("In the Init Method");
        }
        catch(Exception e)
        {
            System.out.println("Error in the Init Method"+e.getMessage());
        }
    }
    public void service(ServletRequest req, ServletResponse res)throws
ServletException, IOException
    {
        int i, j, flag=0;
        hallTicket=req.getParameter("hall");
        res.setContentType("text/html");
        PrintWriter pw=res.getWriter();
        list=doc.getElementsByTagName("HallTicketNo");
        pw.print("<center><h1>Welcome To Student Details</center></h1>");
        for(i=0;i<list.getLength();i++)
        {
            node=list.item(i);
            if(node.getTextContent().equals(hallTicket))
            {
                parent=node.getParentNode();
                childs=parent.getChildNodes();
                for(j=1;j<childs.getLength()-1;j=j+2)
                {
                    child=childs.item(j);
                    pw.print("<center>"+child.getNodeName()+" "+child.getTextContent());
                    flag=1;
                }
                break;
            }
        }
        if(flag==0)
            pw.print("<center>no data found for HallTicket:"+hallTicket+"</center>");
    }
}

```

```

} //service
public ServletConfig getServletConfig()
{
    return sc;
}
public String getServletInfo()
{
    return "Guide - T.PoornaShekhar, M.Tech CS & CSE Coordinator -
www.scce.ac.in";
}
public void destroy()
{
}
}

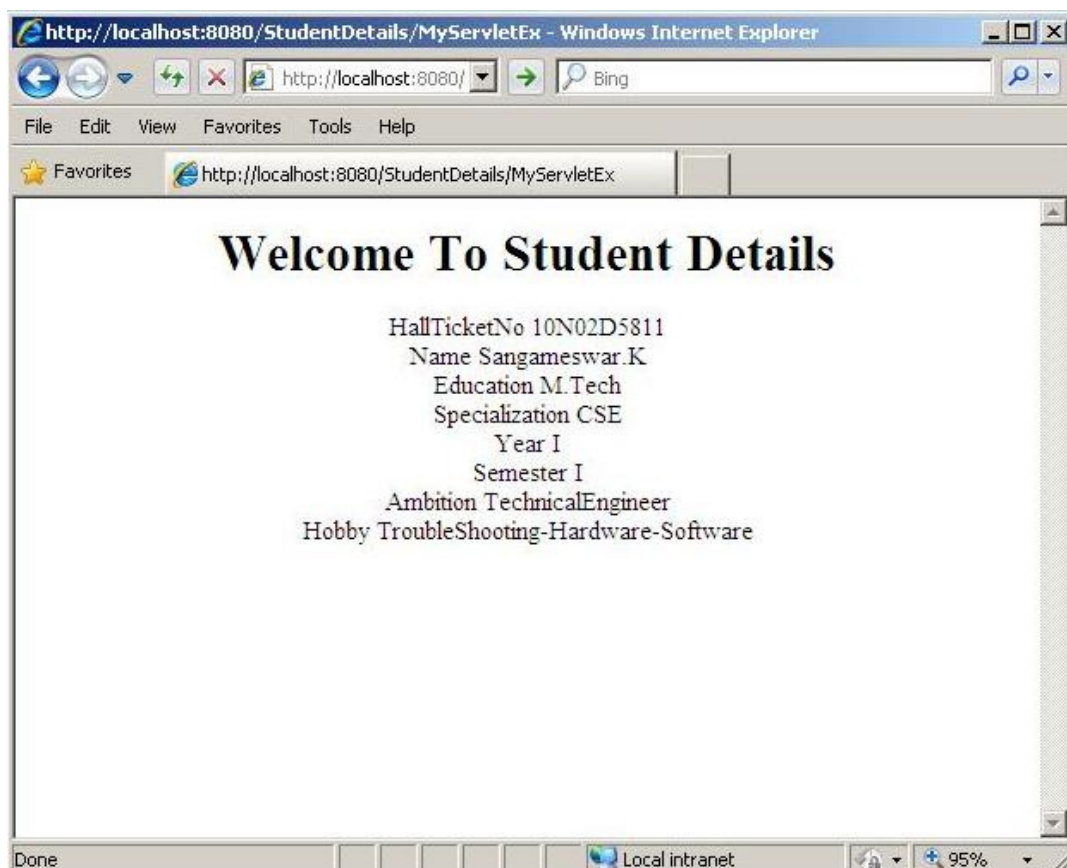
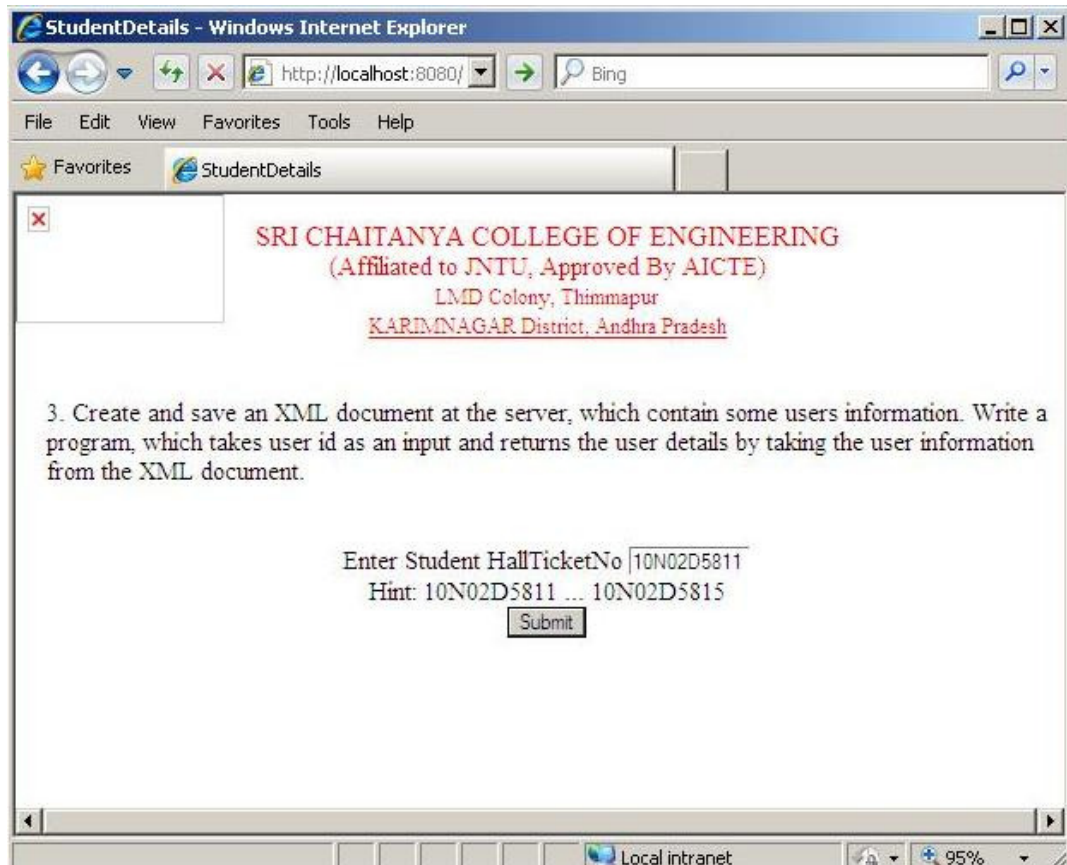
<!-- Content of web.xml -->
<web-app>
    <servlet>
        <servlet-name>Student</servlet-name>
        <servlet-class>StudentDetails</servlet-class>
    </servlet>
    <servlet-mapping>
        <servlet-name>Student</servlet-name>
        <url-pattern>/MyServletEx</url-pattern>
    </servlet-mapping>
</web-app>

<!-- Contents of Details.xml -->
<StudentDetails>
<Details>
    <HallTicketNo>10N02D5811</HallTicketNo>
    <Name>Sangameswar.K</Name>
    <Education>M.Tech</Education>
    <Specialization>CSE</Specialization>
    <Year>I</Year> <Semester>I</Semester>
    <Ambition>TechnicalEngineer</Ambition>
    <Hobby>TroubleShooting-Hardware-Software</Hobby>
</Details>
<Details>
    <HallTicketNo>10N02D5812</HallTicketNo>
    <Name>C.Jayapal</Name>
    <Education>M.Tech</Education>
    <Specialization>CSE</Specialization>
    <Year>I</Year> <Semester>I</Semester>
    <Ambition>SoftwareEngineer</Ambition>
    <Hobby>Web Designing</Hobby> </Details>
<Details>
    <HallTicketNo>10N02D5813</HallTicketNo>
    <Name>Ravi Kumar</Name>
    <Education>M.Tech</Education>
    <Specialization>CSE</Specialization>
    <Year>I</Year> <Semester>I</Semester>
    <Ambition>Web Designer</Ambition>
    <Hobby>Working with WebServers</Hobby> </Details>
<Details>
    <HallTicketNo>10N02D5814</HallTicketNo>
    <Name>Kamal Kishore</Name> <Education>M.Tech</Education>
    <Specialization>CSE</Specialization>
    <Year>I</Year> <Semester>I</Semester>
    <Ambition>SoftwareEngineer</Ambition>
    <Hobby>Cricket</Hobby>
</Details>
<Details> <HallTicketNo>10N02D5815</HallTicketNo>
    <Name>VasuDev</Name>
    <Education>M.Tech</Education> <Specialization>CSE</Specialization>
</Details> </StudentDetails>

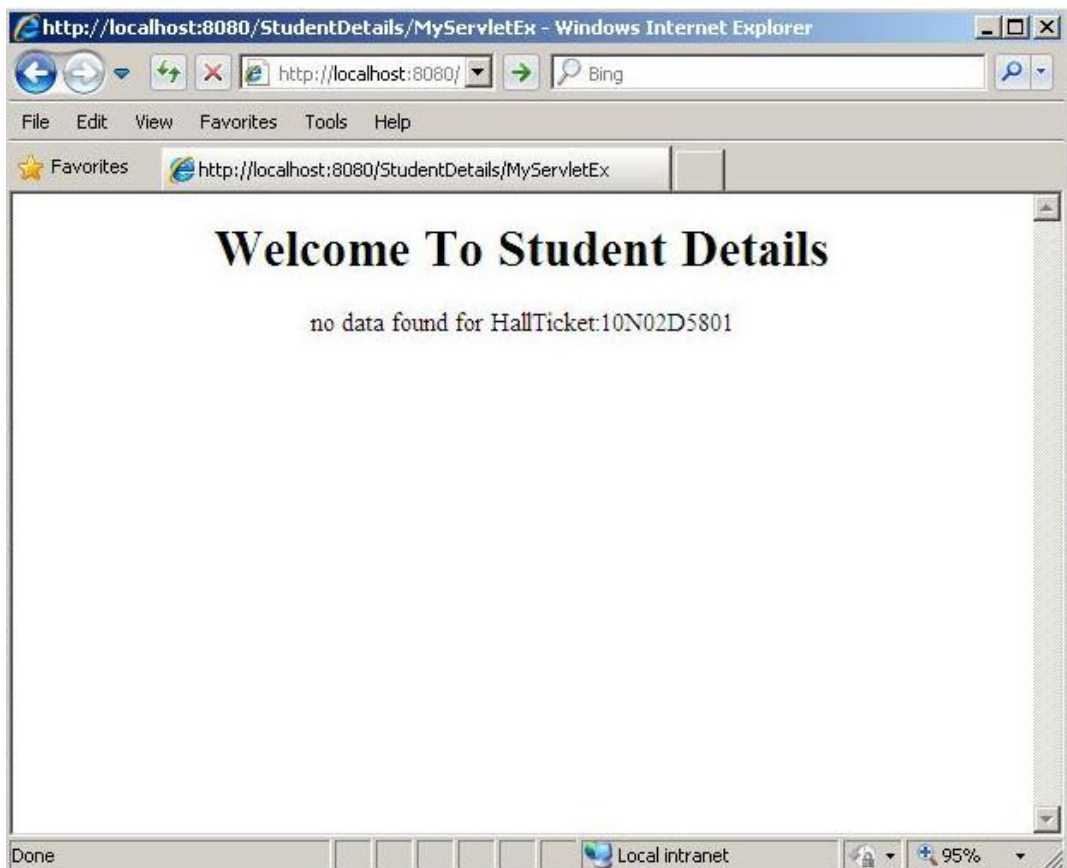
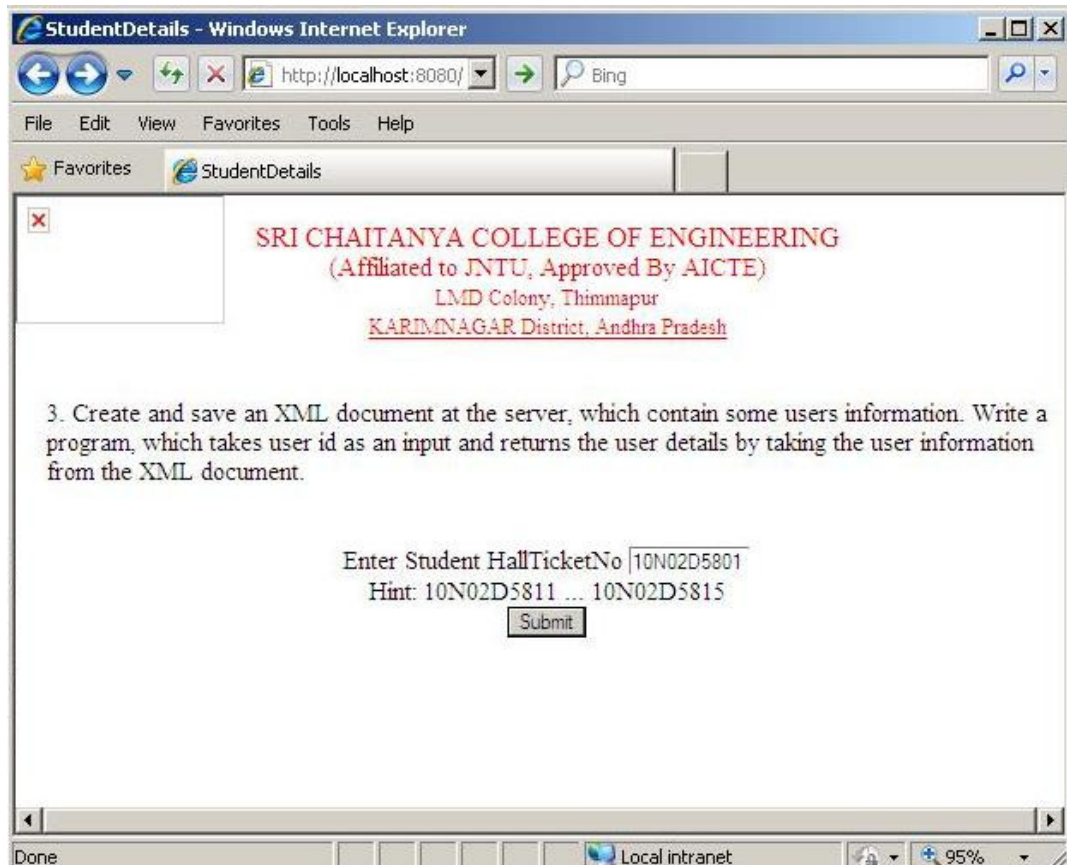
```

The screenshot displays the Tomcat Web Application Manager interface. At the top, it features the Apache Software Foundation logo and a navigation bar with links for 'List Applications', 'HTML Manager Help', 'Manager Help', and 'Server Status'. Below this is a table listing the applications currently running on the server.

Path	Display Name	Running	Sessions	Commands
/	Welcome to Tomcat	true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/StudentDetails		true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/docs	Tomcat Documentation	true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/host-manager	Tomcat Manager Application	true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes





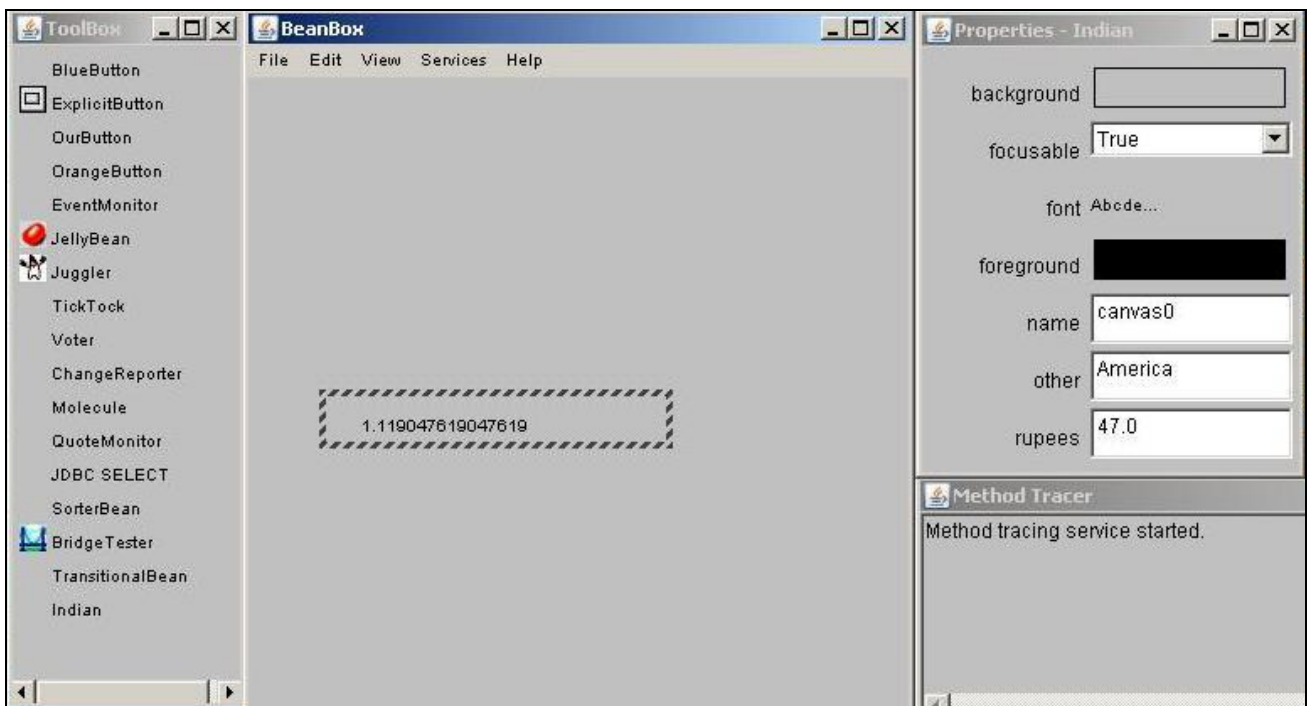
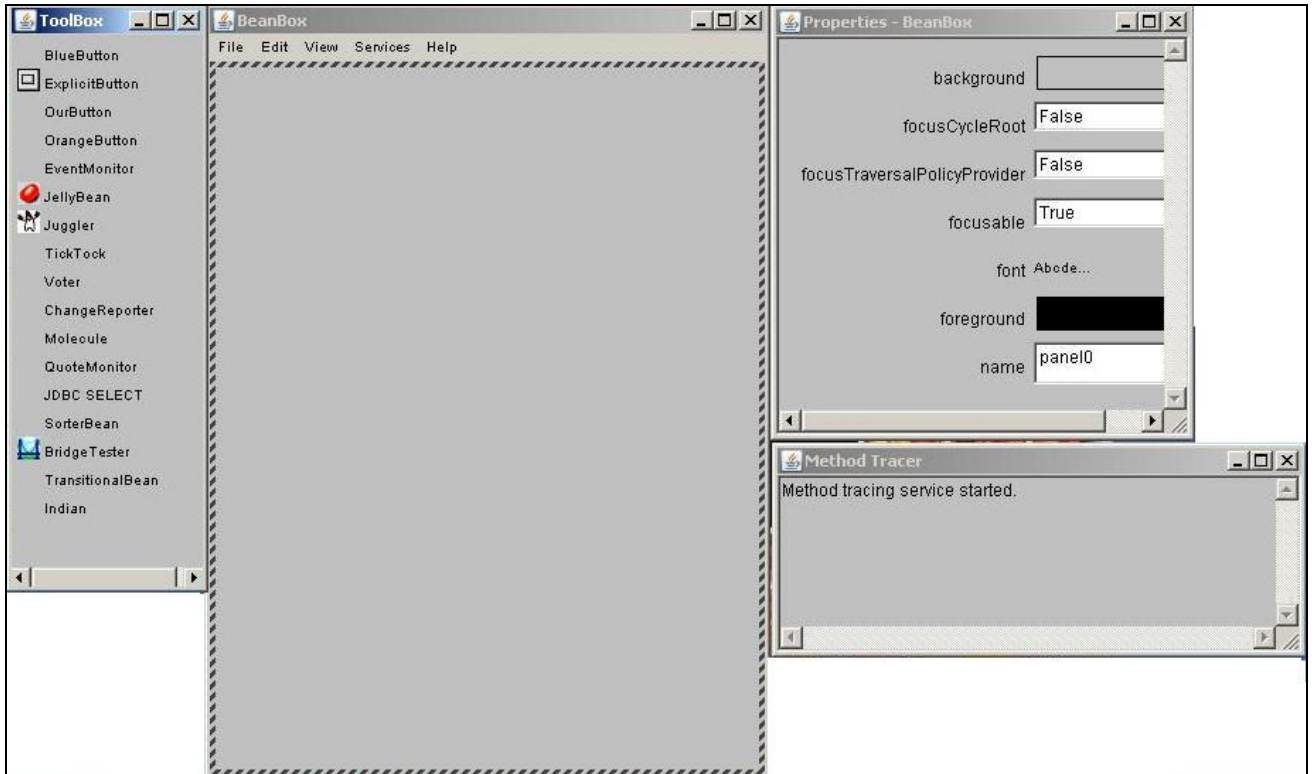


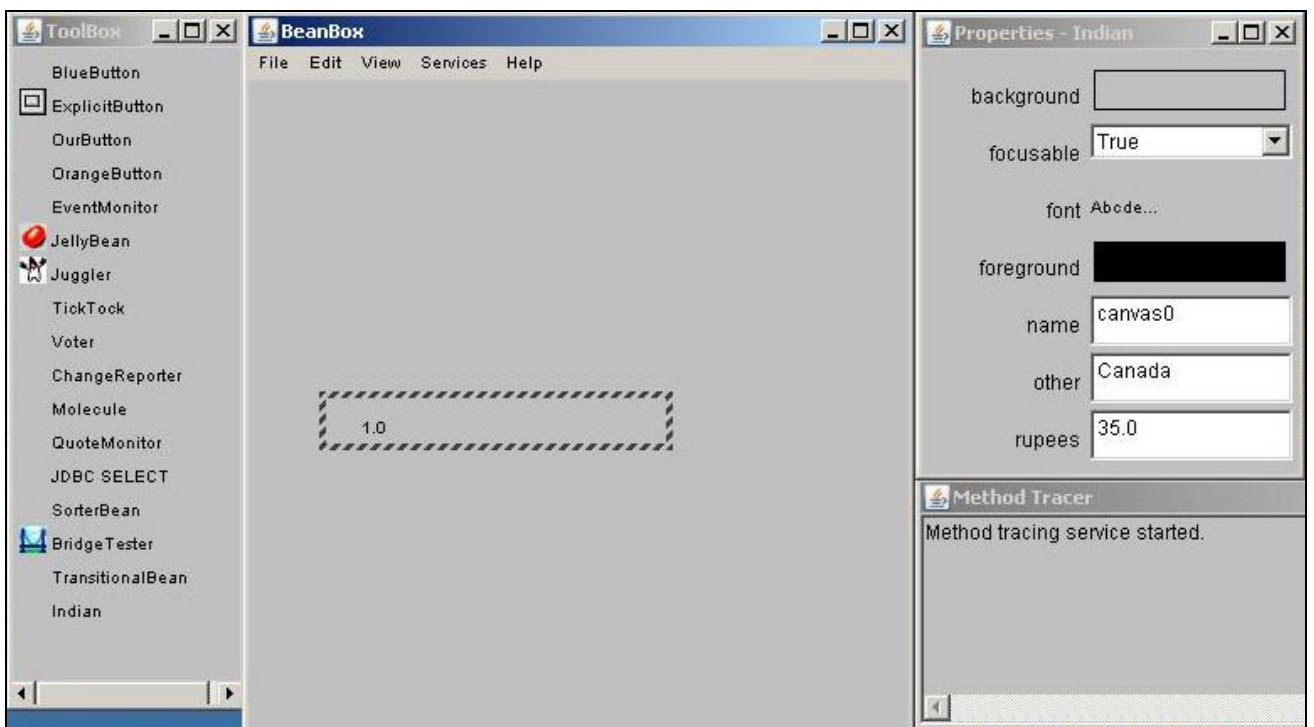
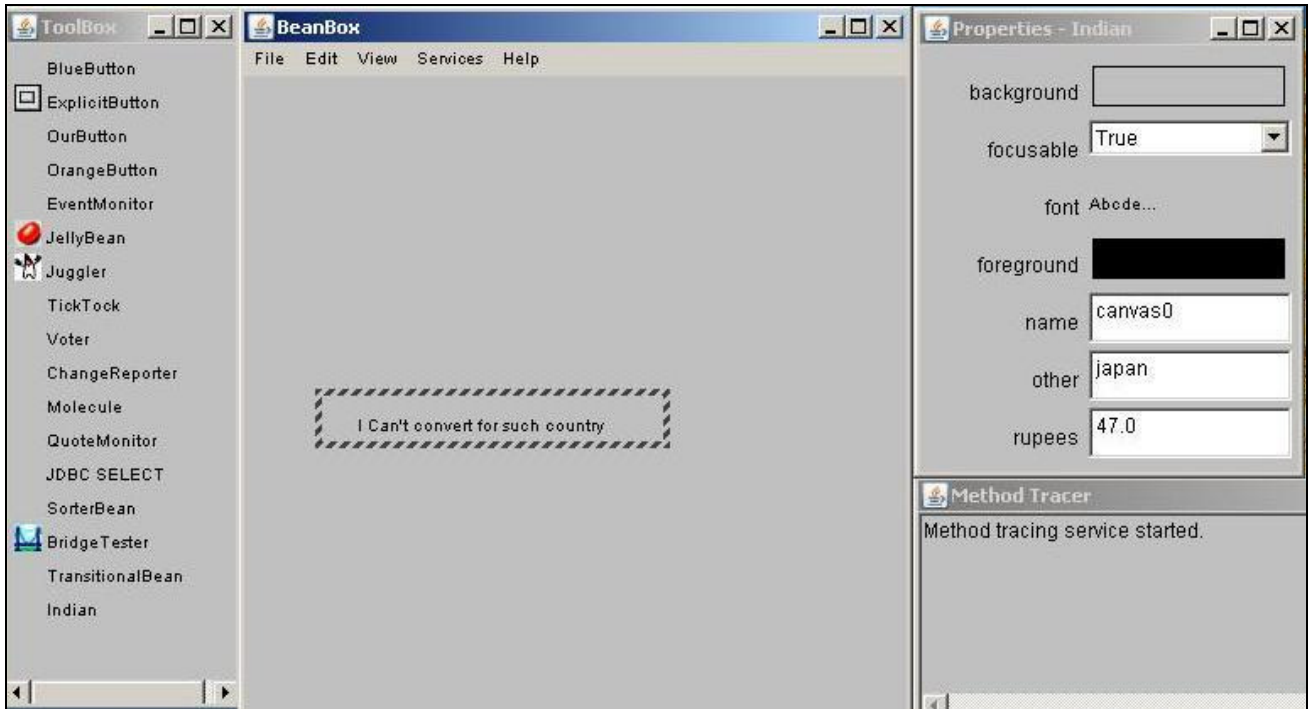


## 4. Bean Assignments

a) Create a JavaBean which gives the exchange value of INR(Indian Rupee) into equivalent American/Canadian/Australian Dollar value.

```
// Indian.java
package currency;
import java.beans.*;
import java.awt.*;
import java.awt.event.*;
public class Indian extends Canvas
{
    private double rupees;
    private String other;
    public Indian()
    {
        setSize(200,25);
        other="America";
    }
    public void setRupees(double amount)
    {
        rupees=amount;
        repaint();
    }
    public double getRupees()
    {
        return rupees;
    }
    public void setOther(String other)
    {
        this.other=other;
        repaint();
    }
    public String getOther()
    {
        return other;
    }
    public void paint(Graphics g)
    {
        if(other.equals("America"))
            g.drawString(String.valueOf(rupees/42),20,20);
        else
            if(other.equals("Australia"))
                g.drawString(String.valueOf(rupees/27),20,20);
            else
                if(other.equals("Canada"))
                    g.drawString(String.valueOf(rupees/35),20,20);
                else
                    g.drawString("I Can't convert for such country",20,20);
    }
}
```





## 4. Bean Assignments

b) Create two Beans Traffic Light (Implemented as a Label with only three background colours-Red,Green,Yellow) and Automobile (Implemented as a TextBox which states its state/movement). The state of

Light	Transition	Automobile	State
Red	-> Yellow		Ready
Yellow	-> Green		Move
Green	-> Red		Stopped

```
// TrafficLight.java
package mypack;
import java.awt.*;
import java.beans.*;
import java.io.*;
import java.util.Date;
public class TrafficLight extends Panel
    implements Runnable, Serializable, PropertyChangeListener
{
    public TrafficLight()
    {
        setSize(50, 50);
        color = Color.red;
        label = new Label();
        label.setSize(100,100);
        label.setBackground(Color.red);
        add(label);
        changes = new PropertyChangeSupport(this);
        changes.addPropertyChangeListener(this);
        interval = 5;
        runner = new Thread(this);
        runner.start();
    }
    public void addPropertyChangeListener(PropertyChangeListener
propertychangelistener)
    {
        changes.addPropertyChangeListener(propertychangelistener);
    }
    public void removePropertyChangeListener(PropertyChangeListener
propertychangelistener)
    {
        changes.removePropertyChangeListener(propertychangelistener);
    }
    public int getInterval()
    {
        return interval;
    }
    public void setInterval(int i)
    {
        interval = i;
        if(runner != null)
            runner.interrupt();
    }
    public int getSeconds()
    {
        return (int)((new Date()).getTime() / 1000L);
    }
    public void run()
    {
        int i = getSeconds();
        do
        {
            try
            {
                Thread.sleep(interval * 1000);
            }
        }
    }
}
```

```

        catch(InterruptedException interruptedexception) { }
        int j = getSeconds();
        changes.firePropertyChange("seconds", new Integer(i), new
Integer(j));
        i = j;
    } while(true);
}
public void propertyChange(PropertyChangeEvent propertychangeevent)
{
    if(color == Color.red)
    {
        label.setBackground(Color.orange);
        color = Color.orange;
    } else
    if(color == Color.orange)
    {
        label.setBackground(Color.green);
        color = Color.green;
    } else
    if(color == Color.green)
    {
        label.setBackground(Color.red);
        color = Color.red;
    }
}
private Color color;
private Label label;
private PropertyChangeSupport changes;
private int interval;
transient Thread runner;
}

```

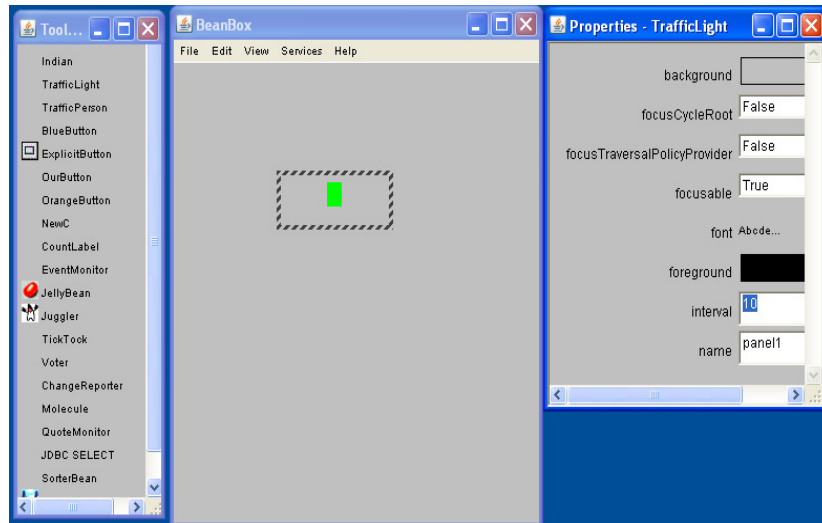
```

// TrafficPerson.java
package demo;
import java.awt.Panel;
import java.awt.event.*;
import java.io.PrintStream;
import java.io.Serializable;
import javax.swing.JTextField;
import java.beans.*;
public class TrafficPerson extends Panel
    implements Serializable, PropertyChangeListener
{
    public TrafficPerson()
    {
        tx = new JTextField(12);
        state="Ready";
        tx.setHorizontalAlignment(JTextField.LEFT);
        tx.setText("Ready");
        tx.setEnabled(false);
        add(tx);
    }
    public void change()
    {
        if(state.equals("Ready"))
        {
            state="Move";
            tx.setText(state);
        }
        else if(state.equals("Move"))
        {
            state="Stopped";
            tx.setText(state);
        }
        else if(state.equals("Stopped"))
        {
            state="Ready";
            tx.setText(state);
        }
    }
}

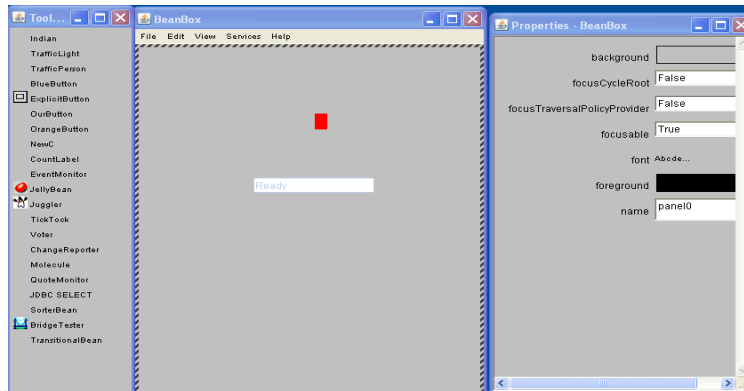
```

```
    }    }  
public void propertyChange(PropertyChangeEvent e)  
{  
change();  
}  
  
private JTextField tx;  
  
    private String state;  
}  
  
// manifest.mf  
Name:demo.TrafficPerson.class  
Java-Bean:True
```

After setting TrafficLight and changing interval to 10 sce..

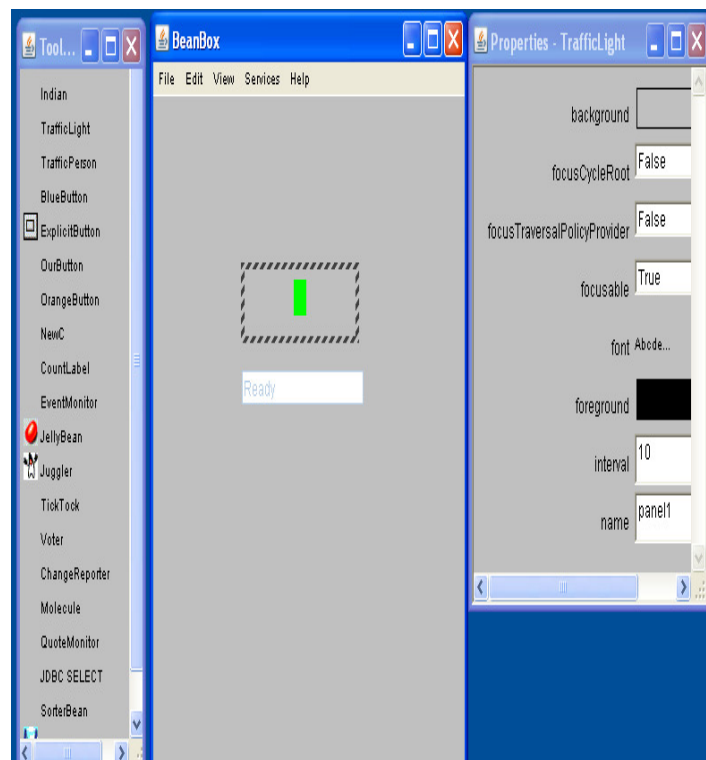


After setting the TrafficPerson, TrafficLight in the



Beanwindow...

the light is changing to yellow,,,the person window is showing ready...



```

// login.java
import java.sql.*;
import java.io.*;
import java.util.*;
import javax.servlet.*;
import javax.servlet.http.*;
public class login extends HttpServlet
{
    public void service(HttpServletRequest req,HttpServletResponse resp)
    throws ServletException,IOException
    {
        PrintWriter pw=resp.getWriter();
        pw.println("<html><body>");
        String id=req.getParameter("id");
        String pwd=req.getParameter("pwd");
        try
        {
            Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
            Connection
con=DriverManager.getConnection("jdbc:odbc:shiva","scott","tiger");
            Statement stmt=con.createStatement();
            String sqlstmt="select id,password from login";
            ResultSet rs=stmt.executeQuery(sqlstmt);
            int flag=0;
            while(rs.next())
            {
                if(id.equals(rs.getString(1))&&pwd.equals(rs.getString(2)))
                {
                    flag=1;
                }
            }
            if(flag==0)
            {
                pw.println("SORRY INVALID ID TRY AGAIN ID<br><br>");
                pw.println("<a href='\"/tr/login.html\"'>press LOGIN to
RETRY</a>");
            }
            else
            {
                pw.println("VALID LOGIN ID<br><br>");
                pw.println("<h3><ul>");
                pw.println("<li><a href='\"profile.html\"'><fontcolor='\"black\"'>USER
PROFILE</font> </a></li><br><br>");
                pw.println("<li><a href='\"catalog.html\"'><fontcolor='\"black\"'>BOOKS
CATALOG</font></a></li><br><br>");
                pw.println("<li><a href='\"order.html\"'><fontcolor='\"black\"'>ORDER
CONFIRMATION</font> </a></li><br><br>");
            }
            pw.println("</body></html>");
        }
        catch(Exception e)
        {
            resp.sendError(500,e.toString());
        }
    }
}

// reg.html
import java.sql.*;
import java.io.*;
import java.util.*;
import javax.servlet.*;
import javax.servlet.http.*;
public class reg extends HttpServlet
{
    public void service(HttpServletRequest req,HttpServletResponse resp)
    throws ServletException,IOException

```



```

    {
        PrintWriter pw=resp.getWriter();
        pw.println("<html><body>");
        String name=req.getParameter("name");
        String addr=req.getParameter("addr");
        String phno=req.getParameter("phno");
        String id=req.getParameter("id");
        String pwd=req.getParameter("pwd");
        int no=Integer.parseInt(phno);
        try
        {
            Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
            Connection
con=DriverManager.getConnection("jdbc:odbc:shiva","scott","tiger");
            Statement stmt=con.createStatement();
            String sqlstmt="select id,password from login1";
            ResultSet rs=stmt.executeQuery(sqlstmt);
            int flag=0;
            while(rs.next())
            {
                if(id.equals(rs.getString(1))&&pwd.equals(rs.getString(2)))
                {
                    flag=1;
                }
            }
            if(flag==1)
            {
                pw.println("YOUR INVALID ID <br><br>");
                pw.println("<a href=\"/tr/reg.html\">press REGISTER to
RETRY</a>");
            }
            else
            {
                Statement stmt1=con.createStatement();
                stmt1.executeUpdate("insert into login
values('"+name+"','"+addr+"','"+no+"','"+id+"','"+pwd+"')");
                pw.println("YOUR DETAILS ARE ENTERED<br><br>");
                pw.println("<a href=\"/tr/login.html\">press LOGIN to
login</a>");
            }
            pw.println("</body></html>");
        }
        catch(Exception e)
        {
            resp.sendError(500,e.toString());
        }
    }
}

// profile.java
import java.sql.*;
import java.io.*;
import java.util.*;
import javax.servlet.*;
import javax.servlet.http.*;
public class profile extends HttpServlet
{
    public void service(HttpServletRequest req,HttpServletResponse resp)
    throws ServletException,IOException
    {
        PrintWriter pw=resp.getWriter();
        pw.println("<html><body>");
        String id=req.getParameter("id");
        try
        {
            Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
            Connection
con=DriverManager.getConnection("jdbc:odbc:shiva","scott","tiger");

```

```

Statement stmt=con.createStatement();
String sqlstmt="select * from login where id="+id+"";
ResultSet rs=stmt.executeQuery(sqlstmt);
int flag=0;
pw.println("<br><br><br>");
while(rs.next())
{
    pw.println("<div align=\"center\">");
    pw.println("NAME      :"+rs.getString(1)+"<br>");
    pw.println("ADDRESS  :"+rs.getString(2)+"<br>");
    pw.println("PHONE NO   :"+rs.getString(3)+"<br>");
    pw.println("</div>");
    flag=1;
}
if(flag==0)
{
    pw.println("SORRY INVALID ID TRY AGAIN ID<br><br>");
    pw.println("<a href=\""/tr/profile.html\">press HERE to
RETRY</a>");
}
pw.println("</body></html>");
}
catch(Exception e)
{
    resp.sendError(500,e.toString());
}
}
}

// order.java
import java.sql.*;
import java.io.*;
import java.util.*;
import javax.servlet.*;
import javax.servlet.http.*;
public class order extends HttpServlet
{
    public void service(HttpServletRequest req,HttpServletResponse resp)
    throws ServletException,IOException
    {
        PrintWriter pw=resp.getWriter();
        pw.println("<html><body>");
        String id=req.getParameter("id");
        String pwd=req.getParameter("pwd");
        String title=req.getParameter("title");
        String count1=req.getParameter("no");
        String date=req.getParameter("date");
        String cno=req.getParameter("cno");
        int count=Integer.parseInt(count1);
        try
        {
            Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
            Connection
con=DriverManager.getConnection("jdbc:odbc:shiva","scott","tiger");
            Statement stmt=con.createStatement();
            String sqlstmt="select id,password from login";
            ResultSet rs=stmt.executeQuery(sqlstmt);
            int flag=0,amount,x;
            while(rs.next())
            {
                if(id.equals(rs.getString(1))&&pwd.equals(rs.getString(2)))
                {
                    flag=1;
                }
            }
            if(flag==0)
            {
                pw.println("SORRY INVALID ID TRY AGAIN ID<br><br>");
            }
        }
    }
}

```

```

        pw.println("<a href=\" C:/Program Files/Apache Software
Foundation/Tomcat 5.0/webapps/mtech/order.html \">press HERE to
RETRY</a>");
    }
    else
    {
        Statement stmt2=con.createStatement();
        String s="select cost from book where title="+title+"";
        ResultSet rs1=stmt2.executeQuery(s);
        int flag1=0;
        while(rs1.next())
        {
            flag1=1;
            x=Integer.parseInt(rs1.getString(1));
            amount=count*x;
            pw.println("AMOUNT  :"+amount+"<br><br><br><br>");
            Statement stmt1=con.createStatement();
            stmt1.executeUpdate("insert into details
values('"+id+"', '"+title+"', '"+amount+"', '"+cno+"'");
            pw.println("YOUR ORDER has taken<br>");
        }
        if(flag1==0)
        {
            pw.println("SORRY INVALID ID TRY AGAIN ID<br><br>");
            pw.println("<a href=\"C:/Program Files/Apache Software
Foundation/Tomcat 5.0/webapps/mtech/order.html\">press HERE to
RETRY</a>");
        }
    }
    pw.println("</body></html>");
    con.close();
}
catch(Exception e)
{
    resp.sendError(500,e.toString());
}
}

// catalogue.java
import java.sql.*;
import java.io.*;
import java.util.*;
import javax.servlet.*;
import javax.servlet.http.*;
public class catalogue extends HttpServlet
{
    public void service(HttpServletRequest req,HttpServletResponse resp)
    throws ServletException, IOException
    {
        PrintWriter pw=resp.getWriter();
        pw.println("<html><body>");
        String title=req.getParameter("title");
        try
        {
            Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
            Connection
con=DriverManager.getConnection("jdbc:odbc:shiva","scott","tiger
");
            Statement stmt=con.createStatement();
            String sqlstmt="select id,password from login";
            ResultSet rs=stmt.executeQuery(sqlstmt);
            int flag=0;
            while(rs.next())
            {
                pw.println(",div align=\"center\">");
                pw.println("TITLE  :"+rs.getString(1)+"<br>");
                pw.println("AUTHOR  :"+rs.getString(2)+"<br>");
            }
        }
    }
}

```

```

        pw.println("VERSION :"+rs.getString(3)+"<br>");
        pw.println("PUBLISHER :"+rs.getString(4)+"<br>");
        pw.println("COST :"+rs.getString(5)+"<br>");
        pw.println("</div>");
        flag=1;
    }
    if(flag==0)
    {
        pw.println("SORRY INVALID TITLE TRY AGAIN <br><br>");
        pw.println("<a href='\"/tr/catalog.html\"'>press HERE to
RETRY</a>");
    }
    pw.println("</body></html>");
}
catch(Exception e)
{
    resp.sendError(500,e.toString());
}
}
}

```

```
// web.xml
```

```

<web-app>
  <servlet>
    <servlet-name>a</servlet-name>
    <servlet-class>reg</servlet-class>
    <servlet-name>l</servlet-name>
    <servlet-class>login</servlet-class>
    <servlet-name>p</servlet-name>
    <servlet-class>profile</servlet-class>
    <servlet-name>c</servlet-name>
    <servlet-class>catalog</servlet-class>
    <servlet-name>o</servlet-name>
    <servlet-class>order</servlet-class>
  </servlet>
  <servlet-mapping>
    <servlet-name>o</servlet-name>
    <url-pattern>/order</url-pattern>
    <servlet-name>c</servlet-name>
    <url-pattern>/catalog</url-pattern>
    <servlet-name>p</servlet-name>
    <url-pattern>/profile</url-pattern>
    <servlet-name>l</servlet-name>
    <url-pattern>/login</url-pattern>
    <servlet-name>a</servlet-name>
    <url-pattern>/reg</url-pattern>
  </servlet-mapping>
</web-app>

```

```
<-- index.html -->
```

```

<html>
<body bgcolor="pink">
<center>
<pre>
<font size=4 color="red">SREE CHAITANYA COLLEGE OF ENGINEERING</font>
<font size=2 color="red">(Affiliated to JNTU, Approved By AICTE)</font>
<font size=3 color="red">LMD Colony, Thimmapur</font>
<font size=3 color="red"><u>KARIMNAGAR District, Andhra Pradesh</u></font>
<br><br><br><br>
<h2><U>ONLINE BOOK STORAGE</U></h2><br /><br /><br />
<h4>
<b>Welcome to online book storage.
Press LOGIN if you are having id
otherwise press REGISTRATION
</b></pre></h4>
<br /><br />

```





