

ex.no 1 IMAGE MAP TO FIX HOTSPOTS

main.html

```
<html>
<head>
<BODY bgcolor="#gop6876cgdt5564ss">

<map name=indiamap>
<area shape="circle" coords="500,1092,15" href="tamilnadu.html" alt="Tamilnadu">
<area shape="rect" coords="376,1076,406,1100" href="karnataka.html" alt="Karnataka">
</map>
</head>
</BODY>
</html>
```

tamilnadu.html

```
<html>
<head><title>Tanil Nadu - India</title></head>
<body bgcolor="palegreen">
<h1><center>Tamil Nadu</center></h1>
<h3>is one of the 29 states of India. Its capital and largest city is Chennai.
Tamil Nadu lies in the southernmost part of the Indian Peninsula and
is bordered by the States of puducherry, Kerala, Karnataka, Andha Pradesh.
</h3>
<h3>
<ul>
<li>Districts<i> - 33</i>
<li>Capital City<i> - Chennai</i>
<li>Largest City<i> - Chennai</i>
<li>Governor<i> - Banwarilal Purohit</i>
<li>Chief Minister<i> - Edappadi K. Palaniswami </i>
<li>Population<i> - 72,147,030</i>
```

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```
<li>Tourist spots<i> - Mamallapuram, Ooty, Kodaikanal, Marina,
Mudurai Meenakshi Amman Temple, Thanjavur etc.,</i>
</ul>
<a href="main.html">back</a>
</body>
</html>
```

karnataka.html

```
<html>
<head><title>Karnataka - India</title></head>
<body bgcolor="wheat">
<h1><center>Karnataka</center></h1>
```

<h3>

Districts<i> - 30</i>

Capital City<i> - Bangalore</i>

Largest City<i> - Bangalore</i>

Governor<i>- Vajubhai Vala</i>

Chief Minister<i> - H. D. Kumaraswamy </i>

Population<i> - 61,130,704</i>

Tourist spots<i> - Gol Gumbaz, Mysore Palace, Keshava Temple etc.,</i>

</h3>

back

</body>

</html>

ex.no 2 WEB PAGE OF CSS

Style.html

```
<html>
<head>
<title>FLOWERS</title>
<!--Extended Style Sheet -->
<link rel="stylesheet" type="text/css" href="style.css">
<!-- Embed Style Sheet-->
<style type="text/css">
p{
background-color: lightgrey;
text-align: justify;
margin: 2em 7em;
}
</style>
</head>
<body id="body">
<h1>FLOWER</h1>
<p>
<span style="font: 200 x-large fantasy">Flower</span>sometimes known as a bloom or
blossom,is
the reproductive structure found in flowering plants.The flower is God's finest workmanship
in the
world.It is his finest gift to the mankind.We have seen the flowers of many kinds and to many
colors.In India we see the flowers like
</p>
<!-- Inline Sytle Sheet-->
<table style="background-position: center;text-align: center;padding: 3px;">
<tr>
<td align="left">
<div class="div">
<ul>
<li><a href="">Lily</a></li>
<li><a href="">Lotus</a></li>
<li><a href="">Rose</a></li>
<li><a href="">Jasmine</a></li>
</ul>
</div>
</td>
</tr>
</table>
</body>
</html>
```

```
style.css
h1,h2{ text-decoration: underline;
font-style: italic;
text-align: center;
}
#body{
background-color: tan;
border: red dotted;
text-align: center;
}
.div{
border: peru solid ;
}
*{
letter-spacing: 1px;
}
a:link{
color: black;
}
a:visited{
color: yellow;
}
a:hover{
color: green;
}
a:active{
color: blue;
}
ul li{
font-size: small;
}
```

ex.no 3 VALIDATING WEB FORM CONTROLS-DHTML

```
<!DOCTYPE html>
<html>
<head>
<script>
function validateForm() {
var x = document.forms["myForm"]["fname"].value;
if (x == null || x == "")
{
alert("Name must be filled out");
return false;
}
}
</script>
</head>
<body>
<form name="myForm" action="usrwlc.html" onsubmit="return validateForm()"
method="post">
Name: <input type="text" name="fname">
<input type="submit" value="Submit">
</form>
</body>
</html>
```

ex.no 5 INVOKING SERVLETS-SESSION TRACKING

CODE

index.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Servlet Login Example</title>
</head>
<body>
<h1>Welcome to Login App by Cookie</h1>
<a href="login.html">Login</a>|
<a href="LogoutServlet">Logout</a>|
<a href="ProfileServlet">Profile</a>
</body>
</html>
```

link.html

```
<a href="login.html">Login</a> |
<a href="LogoutServlet">Logout</a> |
<a href="ProfileServlet">Profile</a>
<hr>
```

login.html

```
<form action="LoginServlet" method="post">
Name:<input type="text" name="name"><br>
Password:<input type="password" name="password"><br>
<input type="submit" value="login">
</form>
```

LoginServlet.java

```
package com.javatpoint;
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.http.Cookie;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
public class LoginServlet extends HttpServlet {
protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
response.setContentType("text/html");
PrintWriter out=response.getWriter();
request.getRequestDispatcher("link.html").include(request, response);
String name=request.getParameter("name");
```

```

String password=request.getParameter("password");
if(password.equals("admin123")){
out.print("You are successfully logged in!");
out.print("<br>Welcome, "+name);
Cookie ck=new Cookie("name",name);
response.addCookie(ck);
}else{
out.print("sorry, username or password error!");
request.getRequestDispatcher("login.html").include(request, response);
}
out.close();
}
}

```

LogoutServlet.java

```

package com.javatpoint;
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.http.Cookie;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
public class LogoutServlet extends HttpServlet {
protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
response.setContentType("text/html");
PrintWriter out=response.getWriter();
request.getRequestDispatcher("link.html").include(request, response);
Cookie ck=new Cookie("name","");
ck.setMaxAge(0);
response.addCookie(ck);
out.print("you are successfully logged out!");
}
}

```

File: ProfileServlet.java

```

package com.javatpoint;
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.http.Cookie;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
public class ProfileServlet extends HttpServlet {

```

```

protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
response.setContentType("text/html");
PrintWriter out=response.getWriter();
request.getRequestDispatcher("link.html").include(request, response);
Cookie ck[]=request.getCookies();
if(ck!=null){
String name=ck[0].getValue();
if(!name.equals("")||name!=null){
out.print("<b>Welcome to Profile</b>");
out.print("<br>Welcome, "+name);
}
}else{
out.print("Please login first");
request.getRequestDispatcher("login.html").include(request, response);
}
out.close();
}
}

```

web.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://java.sun.com/xml/ns/javaee" xsi:schemaLocation="http://java.sun.com/xml
/ns/javaee
http://java.sun.com/xml/ns/javaee/web-app_2_5.xsd" id="WebApp_ID" version="2.5">
<servlet>
<description></description>
<display-name>LoginServlet</display-name>
<servlet-name>LoginServlet</servlet-name>
<servlet-class>com.javatpoint.LoginServlet</servlet-class>
</servlet>
<servlet-mapping>
<servlet-name>LoginServlet</servlet-name>
<url-pattern>/LoginServlet</url-pattern>
</servlet-mapping>
<servlet>
<description></description>
<display-name>ProfileServlet</display-name>
<servlet-name>ProfileServlet</servlet-name>
<servlet-class>com.javatpoint.ProfileServlet</servlet-class>
</servlet>
<servlet-mapping>
<servlet-name>ProfileServlet</servlet-name>
<url-pattern>/ProfileServlet</url-pattern>

```



```
</servlet-mapping>
<servlet>
<description></description>
<display-name>LogoutServlet</display-name>
<servlet-name>LogoutServlet</servlet-name>
<servlet-class>com.javatpoint.LogoutServlet</servlet-class>
</servlet>
<servlet-mapping>
<servlet-name>LogoutServlet</servlet-name>
<url-pattern>/LogoutServlet</url-pattern>
</servlet-mapping>
</web-app>
```

ex.no 6a 3 TIER APP... ONLINE EXAM

CODE

ExamServer.jsp:

```
<% @page contentType="text/html" language="java" import="java.sql.*"%>
<html>
<head>
<title>Online Exam Server</title>
<style type="text/css">
body{ background-color:black;font-family:courier;color:blue}
</style>
</head>
<body>
<h2 style="text-align:center">ONLINE EXAMINATION</h2>
<p>
<a href="ExamClient.html">Back To Main Page</a>
</p>
<hr/>
<%
String str1=request.getParameter("ans1");
String str2=request.getParameter("ans2");
String str3=request.getParameter("ans3");
int mark=0;
Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
Connection con=DriverManager.getConnection("jdbc:odbc:examDS");
Statement stmt=con.createStatement();
ResultSet rs=stmt.executeQuery("SELECT * FROM examTab");
int i=1;
while(rs.next())
{
if(i==1)
{
String dbans1=rs.getString(1);
if(str1.equals(dbans1))
{
mark=mark+5;
}
}
if(i==2)
{
String dbans2=rs.getString(1);
if(str2.equals(dbans2))
{
mark=mark+5;
```

```

    }
    }
    if(i==3)
    {
        String dbans3=rs.getString(1);
        if(str3.equals(dbans3))
        {
            mark=mark+5;
        }
    }
    i++;
}
if(mark>=10)
{
    out.println("<h4>Your Mark Is : "+mark+"</h4>");
    out.println("<h3>Congratulations....! You Are Eligible For The Next Round...</h3>");
}
else
{
    out.println("<h4>Your Mark is : "+mark+"</h4>");
    out.println("<h3>Sorry....!! You Are Not Eligible For The Next Round...</h3>");
}
%>
</form>
</body>
</html>

```

ExamClient.HTML:

```

<html>
<head>
<title>Online Exam Client</title>
<style type="text/css">
body{ background-color:black;font-family:courier;color:blue }
</style>
</head>
<body>
<h2 style="text-align:center">ONLINE EXAMINATION</h2>
<h3>Answer the following questions (5 marks for each correct answer)</h3>
<hr/>
<form name="examForm" method="post" action="ExamServer.jsp">
1. All computers must have <br/>
<input type="radio" name="ans1" value="Operating System">Operating System
<input type="radio" name="ans1" value="Application Software">Application Software
<input type="radio" name="ans1" value="CD Drive">CD Drive

```

☐Microsoft word

2. The term PC means

☐Private Computer

☐Professional Computer

☐Personal Computer

☐Personal Calculator

3.C was developed by?

☐Dennis Ritchie

☐Stroustrup

☐David Ritchie

☐Charles Babbage

</form>

</body>

</html>

ex.no 6b 3 TIER APP...STUDENT MARKLISTS

CODE

marklist.jsp:

```
<% @ page contentType="text/html" language="java" import="java.sql.*"%>
<html>
<head>
<title>Three Tier Application</title>
<style type="text/css">
body{ color:blue;font-family:courier;text-align:center}
</style>
</head>
<body>
<h2>EXAMINATION RESULT</h2><hr/>
<%
String str=request.getParameter("regno");
Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
Connection con=DriverManager.getConnection("jdbc:odbc:markDS");
Statement stmt=con.createStatement();
ResultSet rs=stmt.executeQuery("SELECT*FROM markTab WHERE rno="+str);
while(rs.next())
{
%>
Register No:<%=rs.getObject(1)%><br/>
Name:<%=rs.getObject(2)%><br/>
<table border="1">
<th>SUBJECT</th><th>Mark</th>
<tr><td>Network Programming and
Management</td><td><%=rs.getObject(3)%></td></tr>
<tr><td>Object Oriented Analysis and Design</td><td><%=rs.getObject(4)%></td></tr>
<tr><td>Cryptography and Network Security</td><td><%=rs.getObject(5)%></td></tr>
<tr><td>Embedded Systems</td><td><%=rs.getObject(6)%></td></tr>
<tr><td>Web Technology</td><td><%=rs.getObject(7)%></td></tr>
<tr><td>Software Requirement and Engineering</td><td><%=rs.getObject(8)%></td></tr>
</table>
<%
}
%>
<br/>
<a href="stud.html">Back</a>
</body>
</html>
stud.html
```

[illegible]

ex.no 7 XML SCHEMA XSLT/XSL

CODE

CDCatalog.xml

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!-- Edited by XMLSpy® -->
<?xml-stylesheet type="text/xsl" href=" CDCatalog.xsl"?>
<catalog>
<cd>
<title>Empire Burlesque</title>
<artist>Bob Dylan</artist>
<country>USA</country>
<company>Columbia</company>
<price>10.90</price>
<year>1985</year>
</cd>
<cd>
<title>Hide your heart</title>
<artist>Bonnie Tyler</artist>
<country>UK</country>
<company>CBS Records</company>
<price>9.90</price>
<year>1988</year>
</cd>
<cd>
<title>Greatest Hits</title>
<artist>Dolly Parton</artist>
<country>USA</country>
<company>RCA</company>
<price>9.90</price>
<year>1982</year>
</cd>
</catalog>
```

CDCatalog.xsl

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:template match="/">
<html>
<body>
<h2>My CD Collection</h2>
<table border="1">
```

```
<tr bgcolor="#9acd32">
<th>Title</th>
<th>Artist</th>
</tr>
<xsl:for-each select="catalog/cd">
<xsl:sort select="artist"/>
<tr>
<td><xsl:value-of select="title"/></td>
<td><xsl:value-of select="artist"/></td>
</tr>
</xsl:for-each>
</table>
</body>
</html>
</xsl:template>
</xsl:stylesheet>
```