

CS2358 INTERNET PROGRAMMING LAB ANNA UNIVERSITY

SYLLABUS

CS2358 INTERNET PROGRAMMING LAB

LIST OF EXPERIMENTS

1. Create a web page with the following using HTML
 - i) To embed an image map in a web page
 - ii) To fix the hot spots
 - iii) Show all the related information when the hot spots are clicked.
2. Create a web page with all types of Cascading style sheets.
3. Client Side Scripts for Validating Web Form Controls using DHTML
4. Write programs in Java to create applets incorporating the following features:
5. Create a color palette with matrix of buttons Set background and foreground of the control text area by selecting a color from color palette. In order to select Foreground or background use check box control as radio buttons To set background images
6. Write programs in Java using Servlets:
To invoke servlets from HTML forms
To invoke servlets from Applets
7. Write programs in Java to create three-tier applications using JSP and Databases
 1. for conducting on-line examination.
 2. for displaying student mark list. Assume that student information is available in database which has been stored in a database server.
8. Programs using XML – Schema XSLT/XSL
9. Programs using AJAX
10. Consider a case where we have two web Services- an airline service and a travel agent and the travel agent is searching for an airline. Implement this scenario using Web Services and Data base.

TEXT BOOK:

1. Robert W. Sebesta, "Programming the world wide web", Pearson Education, 2006.

/* Three-Tier Application Using JSP and Database (Online Examination) */

// **OnlineExam.jsp**

```
<%@ page language="java" import="java.sql.*" %>
<%@ page import="java.io.*" %>
<%@ page import="java.util.*" %>
```

```

<%
String SeatNum,Name;
String ans1,ans2,ans3,ans4,ans5;
int a1,a2,a3,a4,a5;
a1=a2=a3=a4=a5=0;
Connection connect=null;
Statement stmt=null;
ResultSet rs=null;
    Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
String url = "jdbc:odbc:ExamStudent";
    connect = DriverManager.getConnection(url," "," ");
if(request.getParameter("action")!=null)
{
    SeatNum = request.getParameter("Seat_no");
    Name = request.getParameter("Name");
    ans1 =request.getParameter("group1");
    if(ans1.equals("True"))
        a1=5;
    else
        a1=0;
    ans2 = request.getParameter("group2");
    if(ans2.equals("True"))
        a2=0;
    else
        a2=5;
    ans3 = request.getParameter("group3");
    if(ans3.equals("True"))
        a3=0;
    else
        a3=5;
    ans4 = request.getParameter("group4");
    if(ans4.equals("True"))
        a4=5;
    else
        a4=0;
    ans5 = request.getParameter("group5");
    if(ans5.equals("True"))
        a5=0;
    else
        a5=5;
    int Total=a1+a2+a3+a4+a5;

    stmt = connect.createStatement();
    String query = "INSERT INTO StudentTable (" + "Seat_no,Name,Marks" + " )
VALUES (" +SeatNum + ", " + Name + ", "+Total+ ")";
    int result = stmt.executeUpdate(query);
}
}

```

```

stmt.close();
stmt = connect.createStatement();
query = "SELECT * FROM StudentTable WHERE Name='"+'''+Name+''''";
rs = stmt.executeQuery(query);
%>
<html><head><title>Student Mark List</title></head>
<body bgcolor=khaki>
  <center>
    <h2>Students Marksheet</h2>
    <h3>Name of the College : JCE College of Engineering</h3>
    <table border="1" cellspacing="0" cellpadding="0">
      <tr>
        <td><b>Seat_No</b></td>
        <td><b>Name</b></td>
        <td><b>Marks</b></td>
      </tr>
      <%
        while(rs.next())
      {
        %>
        <tr>
          <td><%=rs.getInt(1)%></td>
          <td><%=rs.getString(2)%></td>
          <td><%=rs.getString(3)%></td>
        </tr>
        <%
      }
      rs.close();
      stmt.close();
      connect.close();
      %>
    </table>
  </center>
  <br/> <b><br/>
  <table>
    <tr><td><b>Date:<%=new java.util.Date().toString() %></td></tr>
    <tr><td><b>Signature: X.Y.Z. <b></td></tr>
  </table>
  <div>
<a href="http://localhost:8090/OnlineExam/OnlineExam.jsp">Click here to go back</a>
</body>
</html>
<%} else {%>
<html>
  <head><title>Online Examination</title>
  <script language="javascript">

```

```

function validation(Form_obj)
{
if(Form_obj.Seat_no.value.length==0)
{
alert("Please,fill up the Seat Number");
Form_obj.Seat_no.focus();
return false;
}
if(Form_obj.Name.value.length==0)
{
alert("Please,fill up the Name");
Form_obj.Name.focus();
return false;
}
return true;
}
</script>
</head>
<body bgcolor=lightgreen>
<center>
<h1>Online Examination</h1>
</center>
<form action="OnlineExam.jsp" method="post"
name="entry" onSubmit="return validation(this)">
<input type="hidden" value="list" name="action">
<hr/>
<table>
<tr>
<td><h3>Seat Number : </h3></td>
<td><input type="text" name="Seat_no"></td>
</tr>
<tr>
<td><h3>Name : </h3></td>
<td><input type="text" name="Name" size="50"></td>
</tr>
<tr>
<td><b>Total Marks:5*5=25 </b></td>
<td></td><td></td><td></td><td><b>Time: 15 Min.</b></td>
</tr>
</table>
<hr/>
<b>1. XML enables you to collect information once and reuse it in a
variety of ways.</b><br/>
<input type="radio" name="group1" value="True">True
<input type="radio" name="group1" value="False">False<br>
<br/>

```

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```
<b>2. In Modern PC there is no cache memory.</b><br/>
<input type="radio" name="group2" value="True">True
<input type="radio" name="group2" value="False">False<br>
<br/>
```

3. JavaScript functions cannot be used to create script fragments that can be used over and over again


```
<input type="radio" name="group3" value="True">True
<input type="radio" name="group3" value="False">False<br>
<br/>
```

4. The DriverManager class is used to open a connection to a database via a JDBC driver.


```
<input type="radio" name="group4" value="True">True
<input type="radio" name="group4" value="False">False<br>
<br/>
```


5. The JDBC and ODBC does not share a common parent


```
<input type="radio" name="group5" value="True">True
<input type="radio" name="group5" value="False">False<br>
<hr/>
```

```
<center>
  <input type = "submit" value="Submit">
  <input type = "reset" value="Clear"><br><br>
</center>
</form>
<%}%>
```

--
By

M.Baran Mahamood

Posted by mbaran90 at [6:34 AM](#) [0 comments](#) 

Labels: [Internet Programming - CS2358](#)

Tuesday, December 28, 2010

[Cascading Style Sheets](#)

Algorithm :

Start the cascading program.

Give link from main page to other like cascading, Embedded..

Write the code for separate page finally terminate program

Source code for html Programming for Home page and Cascading, Embedded, Inline style sheet

<!-- Home.html -->

```
<html>
<head>
<title>Cascading Style Sheets</title>
</head>
<body alink="blue" vlink="brown">
<h1><u><b><font face="Monotype corsiva" color="red">
Different types of Cascading Style Sheets</font> </b></u></h1>
<br />
<font face="Arial"size="6">
<a href ="inline.html" style="text-decoration :none;">1. Inline Style Sheet</a><br />
<a href ="embedded.html" style="text-decoration :none;"> 2. Embeded Style
Sheet</a><br />
<a href ="external.html" style="text-decoration :none;"> 3. External Style
Sheet</a><br />
<a href ="import.html" style="text-decoration :none;"> 4. Imported Style
Sheet</a><br /></font>
</body>
</html>
```

<!-- embedded.html -->

```
<html>
<head>
<title>Embedded Style Sheet</title>
<style type="text/css">
ol{list-style-type:decimal}
h1 {text-align: left; background:antiquewhite;font-family:monotype corsiva;color:red}
h3 {text-align: right; font-family:arial;color:blue}
</style>
</head>
<body>
<ol class="lroman"><h1>
<li>Embedded style sheet</li></h1>
<br />
```

```
<h3>
Embedded style is the style attached to one specific document.
The information is specified as a content of the style element
inside the head element and will apply to the entire documents.
</h3></ol>
</body>
</html>
```

<!-- inline.html -->

```
<html>
<head>
<title>Inline Style Sheet</title>
</head>
<body>
<ol class="decimal">
<li style="font-family :Monotype Corsiva ;background-color: antiquewhite ;">
Inline Style Sheet</li></ol>
<h3>
<p style="text-indent :30pt;color:blue;font-family :arial">
Inline Style is the style attached to one specific element.
The style is specified directly in the start tag as a value of the style attribute will apply
exclusively to this specific element occurrence.
</p></h3>
</ol>
</body>
</html>
```

<!-- import.html -->

```
<html>
<head><title>Imported Style Sheet</title>
<link rel= "stylesheet" href="style2.css" type="text/css">
</head>
<body>
<h1>1. Imported Style Sheet</h1>
<h3> Imported style sheet is a sheet that can be imported to another sheet.
This aligns exactly one main sheet containing declarations that apply to
the whole site and partial sheets containing declarations that apply to specific
elements.</h3>
</body>
</html>
```

<!-- external.html -->

```
<html>
```

```
<head>
<title>External Style Sheet</title>
<link rel=StyleSheet href="style1.css" type="text/css" />
</head>
<body>
<h1>1. External Style Sheet</h1><br />
<h3>
An external style sheet is a template documents/files
containing style info which can be linked with any number
of the documents. This is a very convenient way of formatting
the entire site as well as restyling it by editing just one file</h3>
</body>
</html>
```

```
<!-- style1.css -->
```

```
<style type="text/css">
ol{list-style-type:decimal}
h1 {text-align: left; background:antiquewhite;font-family:monotype corsiva;color:Green}
h3 {text-align: right; font-family:TimesNewRoman;color:red}
</style>
```

```
<!-- style2.css -->
```

```
<style type="text/css">
ol{list-style-type:decimal}
h1 {text-align: left; background:antiquewhite;font-family:monotype
corsiva;color:Orange}
h3 {text-align: right; font-family:arial;color:Yellow}
</style>
```

Posted by mbaran90 at 10:05 AM 1 comments 

Labels: [Internet Programming - CS2358](#)

Tuesday, December 21, 2010

[Creating Image Maps in HTML](#)

Aim :

To create webpage and embed map and fix the hot spots in that map and show related information CS2358 INTERNET PROGRAMMING LABORATORY.

Algorithm :

Start the program for embed map in web page
Create ImageMap.htm file

Set the coordination for the hot spot area
Create separate html file for separate hot place
Like Tamilnadu,keral,karanadha
Finally terminate the program embed webpage

Source code in HTML programming for embed page CS2358 INTERNET PROGRAMMING LABORATORY.

```
<!-- - Creating and Using Image Maps -->
<!-- ImageMap.html -->
<HTML>
<HEAD>
<TITLE>Image Map</TITLE>
</HEAD>
<BODY>
<MAP id = "picture">
<AREA href = "TamilNadu.html" shape = "circle"
coords = "170, 490, 30" alt = "Tamil Nadu" />
<AREA href = "Karnataka.html" shape = "rect"
coords = "115, 390, 150, 450" alt = "Karnataka" />
<AREA href = "AndhraPradesh.html" shape = "poly"
coords = "165, 355, 200, 355, 220, 380, 170, 425, 165,
355" alt = "Andhra Pradesh" />
<AREA href = "Kerala.html" shape = "poly"
coords = "115, 455, 160, 470, 140, 485, 150, 505, 150,
530, 135, 500, 115, 455" alt = "Kerala" />
</MAP>
<IMG src = "India.Jpg" alt = "India" usemap = "#picture" />
</BODY>
</HTML>
```

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```
<!-- TamilNadu.html --><HTML>
<HEAD>
<TITLE>About Tamil Nadu</TITLE>
</HEAD>
<BODY>
<CENTER><H1>Tamil Nadu</H1></CENTER>
<HR>
<UL>
<LI>Area : 1,30,058 Sq. Kms.</LI>
<LI>Capital : Chennai</LI>
<LI>Language : Tamil</LI>
<LI>Population : 6,21,10,839</LI>
</UL>
</BODY>
</HTML>
```

```
<!-- AndhraPradesh.html --><HTML>
<HEAD>
<TITLE>About Andhra Pradesh</TITLE>
</HEAD>
<BODY>
<CENTER><H1>Andhra Pradesh</H1></CENTER>
<HR>
<UL>
<LI>Area : 2,75,068 Sq. Kms</LI>
<LI>Capital : Hyderabad</LI>
<LI>Language : Telugu</LI>
<LI>Population : 7,57,27,541</LI>
</UL>
</BODY>
</HTML>
```


```
<!-- Kerala.html --><HTML>
<HEAD>
<TITLE>About Kerala</TITLE>
</HEAD>
<BODY>
<CENTER><H1>Kerala</H1></CENTER>
<HR>
<UL>
<LI>Area : 38,863 Sq. Kms.</LI>
<LI>Capital : Thiruvananthapuram</LI>
<LI>Language : Malayalam</LI>
<LI>Population : 3,18,38,619</LI>
</UL>
</BODY>
</HTML>
```

```
<!-- Karnataka.html --><HTML>
<HEAD>
<TITLE>About Karnataka</TITLE>
</HEAD>
<BODY>
<CENTER><H1>Karnataka</H1></CENTER>
<HR>
<UL>
<LI>Area : 1,91,791 Sq. Kms</LI>
<LI>Capital : Bangalore</LI>
<LI>Language : Kannada</LI>
<LI>Population : 5,27,33,958</LI>
</UL>
```

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</BODY>

</HTML>

Posted by mbaran90 at [7:17 PM](#) [0 comments](#) 

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