**Ex.No.**: 08

# ACCESSING STUDENT MARKLIST DATABASE USING SERVLET

**Date** : 18-04-24

## AIM:

To Implement Concept of Accessing Student Marklist Database using Servlet.

#### **PROGRAM:**

#### **HTML CODE:**

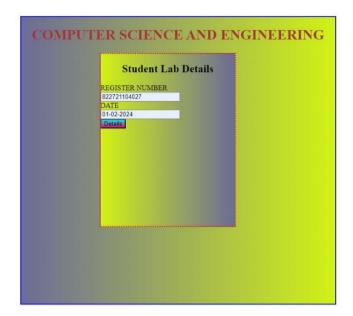
```
<html>
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <style>
       .bor{
         border: 2px double blue;
                                          width: 700px;
                                                                height: 100%;
         margin-left: 25%;
                                   background-repeat: repeat;
         background-image: linear-gradient(to left,rgb(210, 243, 21),rgb(108, 108, 153)); }
       form{
                                  width: 300px; height: 60%;
         border: 2px dotted red;
                                                                   margin-left: 25%;
         background-image: linear-gradient(to right,rgb(210, 243, 21),rgb(108, 108, 153));}
       #sub{
                      border-radius: 3%;
         background-image: linear-gradient(to top,rgb(233, 10, 103),rgb(5, 237, 245));
                   background-color:aliceblue;
                                                       color:Blue;
                                                                         }
       tr{
       BODY{
                        background-color:pink;
                                                      }
    </style>
  </head>
  <body>
    <div class="bor">
       <h1 style="text-align:center;color:rgb(168, 54, 54);">COMPUTER SCIENCE AND
ENGINEERING</h1>
       <form action="http://localhost/php/details.php" method="POST">
         <h2 style="text-align: center;" >Student Lab Details</h2>
         <label for="reg" >REGISTER NUMBER</LA>
           <input type="text" id="reg" name="reg">
                                                               <br/>br>
```

```
<label for="date" >DATE</label>
                                      <br>
        <input type="text" id="date" name="date">
                                            <hr>>
        <label for="sub"></label>
        <input type="submit" id="sub" value="Details">
        </form>
        </div>
        <?php
            ne1 = POST["reg"];
            ne2 = POST["date"];
            $x = simplexml_load_file("studentlab.xml");
        ?>
        <h1 style="text-decoration:underline;">STUDENT DETAILS</h1>
        <table border="2" style=" width:1000px;border-collapse: collapse; background-
color:aliceblue;color:red;margin-left:10%;">
         color:aliceblue;color:red;text-align:center;">
           <b>NAME</b>
           <br/><br/>b>REGISTER NUMBER</b>
                                                        <b>YEAR</b>
           <b>DEPARTMENT</b>
            <b>DATE</b>
            <b>SYSTEM NUMBER</b> 
            <b>INCOMING TIME</b> 
           <b>OUTGOING TIME</b>
                                                    <?php
         foreach($x->children() as $a)
            if($a->Reg_no==$name1 && $a->date==$name2)
        ?>
        <div id="a">
              <table border="2" style=" width:1000px;border-collapse:
    collapse;margin-left:10%;">
```

```
 <?php
                                   echo "$a->name"; ?> 
             <?php
                                     echo "$a->Reg_no"; ?> 
             <?php echo "$a->year";
                                              ?> 
             <?php
                                     echo "$a->dept";
                                                   ?> 
                                      echo "$a->date"; ?> 
             <?php
             <?php
                                     echo "$a->pcno";
                                                   ?> 
             <?php echo "$a->incoming_time"; ?> 
             <?php echo "$a->outgoing_time"; ?> 
          <?php
                      }
                                 }
                                           ?>
       </div>
       </body>
       </html>
STUDENTLAB.XML CODE:
<details>
    <records>
         <name>Manibalan A</name>
         <Reg_no>822721104027</Reg_no>
         <year>III</year>
         <dept>CSE</dept>
         <date>01-02-2024</date>
         <pcno>15/270</pcno>
         <incoming_time>1.30pm</incoming_time>
         <outgoing_time>4.50pm</outgoing_time>
    </records>
   <records>
         <name>Manibalan R</name>
         <Reg_no>822721104028</Reg_no>
         <year>III</year>
         <dept>CSE</dept>
         <date>01-02-2024</date>
         <pcno>16/270</pcno>
         <incoming_time>1.30pm</incoming_time>
```

```
<outgoing_time>4.50pm</outgoing_time>
      </records>
      <records>
            <name>Manikandan</name>
            <Reg_no>822721104029</Reg_no>
            <year>III</year>
            <dept>CSE</dept>
            <date>01-02-2024</date>
            <pcno>17/270</pcno>
            <incoming_time>1.40pm</incoming_time>
            <outgoing_time>4.30pm</outgoing_time>
      </records>
      <records>
            <name>Manibalan A</name>
            <Reg_no>822721104027</Reg_no>
            <year>III</year>
            <dept>CSE</dept>
            <date>01-02-2024</date>
            <pcno>31/270</pcno>
            <incoming_time>9.50am</incoming_time>
            <outgoing_time>12.00pm</outgoing_time>
      </records>
</details>
```

# **OUTPUT:**



### STUDENT DETAILS

NAME	REGISTER NUMBER	YEAR	DEPARTMENT	DATE	SYSTEM NUMBER	INCOMING TIME	OUTGOING TIME
Manibalan A	822721104027	III	CSE	01-02-2024	15/270	1.30pm	4.50pm
Manibalan A	822721104027	III	CSE	01-02-2024	31/270	9.50am	12.00pm

## **RESULT:**

Thus, the Implementation of Concept of Accessing Student Marklist Database using Servlet is Executed and Verified Successfully.