

index.html

```
<html>
<body>
<form action="login " method="post">
<label>Enter username:
    <input type="text" name="t1">
</label>
<br>
<label>Enter password:
    <input type="text" name="t2">
</label>
<input type="submit" value="login">
</form>
</body>
</html>
```

error.jsp

```
<%@ taglib prefix = "c" uri = "http://java.sun.com/jsp/jstl/core" %>

<html>
<body>
<c:out value = "Login failed"/>
</body>
</html>
```

success.jsp

```
<%@ taglib prefix = "c" uri = "http://java.sun.com/jsp/jstl/core" %>

<html>
<body>
<c:out value = "Login success"/>
</body>
</html>
```

web.xml

```
<web-app>
    <servlet>
        <servlet-name>loginServlet</servlet-name>
        <servlet-class>loginController</servlet-class>
```

```

        </servlet>
<servlet-mapping>
    <servlet-name>loginServlet</servlet-name>
    <url-pattern>/login</url-pattern>
</servlet-mapping>
</web-app>

```

loginController.java

```

import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
import java.sql.*;
import Bean.userBean;
import DAO.userDAO;

public class loginController extends HttpServlet{
    public void doPost(HttpServletRequest request, HttpServletResponse
response)
        throws IOException, ServletException {

        response.setContentType("text/html");

        PrintWriter out = response.getWriter();
        String u_str=request.getParameter("t1");
        String p_str=request.getParameter("t2");

        //prepare the bean
        userBean usr = new userBean();
        usr.set_u(u_str);
        usr.set_p(p_str);

        //call auth in userDAO

        userDAO dao=new userDAO();
        int i=dao.auth(usr);

        if(i==1)
            request.getRequestDispatcher("success.jsp").forward(request,response);
        else if(i==0)
            request.getRequestDispatcher("error.jsp").forward(request,response);

```

```
else if(i==-1)
    request.getRequestDispatcher("new_error.jsp").forward(request,response);
//out.println("i val: "+i);
}
}
```

userBean.java

```
package Bean;

public class userBean
{
    private String u,p;

    public void set_u(String u_str)
    {
        this.u=u_str;
    }

    public void set_p(String p_str)
    {
        this.p=p_str;
    }

    public String get_u()
    {
        return this.u;
    }

    public String get_p()
    {
        return this.p;
    }
}
```

userDAO.java

```
package DAO;

import Bean.userBean;
```

```

import java.sql.*;

public class userDAO{

    Connection con;
    Statement stmt;
    ResultSet rs;
    String sql;
    int flag=0;

    public int auth(userBean l)
    {
        String usr=l.get_u();
        String pwd=l.get_p();

        final String DB_URL ="jdbc:mysql://localhost/test1";
        final String USER = "root";
        final String PASS ="vaishu";

        try{
            Class.forName("com.mysql.jdbc.Driver");
            con=DriverManager.getConnection(DB_URL,USER,PASS);

            sql="select * from users";
            stmt=con.createStatement();
            rs = stmt.executeQuery(sql);
            while(rs.next())
            {
                if(usr.equals(rs.getString(1)) &&
                pwd.equals(rs.getString(2)) )
                    flag=1; //return 1;
            }
        }catch(ClassNotFoundException ex){ }
            // out.println("<p>class error"+ex.getMessage()+"</p>");

        catch(SQLException ex){ }
            // out.println("<p>sql error"+ex.getMessage()+"</p>");
        return flag;
    }
}

```

OUTPUT:

← → ↻ localhost:8080/MVC/

Enter username:

Enter password:

← → ↻ localhost:8080/MVC/login

Login success

← → ↻ localhost:8080/MVC/

Enter username:

Enter password:

← → ↻ localhost:8080/MVC/login

Login failed

index.html

```
<html>
<body>

<form method="GET" action="generate">
<fieldset> <legend>Marklist Generation </legend>
Enter Roll No
<input type="text" name="t1">
<br><br>
<input type="submit" value="Generate Marklist">
</fieldset>
</form>
<br>

<form method="GET" action="insert">
<fieldset> <legend>Create Operation </legend>
<input type="radio" name="table_name" value="student">Student
<input type="radio" name="table_name" value="marks">Marks
<br>
Enter Roll No <input type="text" name="t2"><br><br>
Enter Name <input type="text" name="t0"><br><br>
Enter Marks in CS8601 <input type="text" name="t3"><br><br>
Enter Marks in CS8602 <input type="text" name="t4"><br><br>
Enter Marks in CS8603 <input type="text" name="t5"><br><br>
Enter Marks in CS8651 <input type="text" name="t6"><br><br>
Enter Marks in CS8691 <input type="text" name="t7"><br><br>
Enter Marks in CS8075 <input type="text" name="t8"><br><br>
<input type="submit" value="Insert record">
</fieldset>
</form>
<br>

<form method="GET" action="delete">
<fieldset> <legend>Remove operation</legend>
Enter Roll No <input type="text" name="t8">
<input type="submit" value="Delete record">
</fieldset>
</form>
<br><br>

<form method="GET" action="update">
```

```

<fieldset> <legend>Update operation</legend>
<input type="radio" name="tbl_name" value="student">Student
<input type="radio" name="tbl_name" value="marks">Marks
<br>
Enter Roll No <input type="text" name="t9"><br><br>
Enter Name <input type="text" name="t10"><br><br>
Enter Marks in CS8601 <input type="text" name="t11"><br><br>
Enter Marks in CS8602 <input type="text" name="t12"><br><br>
Enter Marks in CS8603 <input type="text" name="t13"><br><br>
Enter Marks in CS8651 <input type="text" name="t14"><br><br>
Enter Marks in CS8691 <input type="text" name="t15"><br><br>
Enter Marks in CS8075 <input type="text" name="t16"><br><br>
<input type="submit" value="Update Record">
</fieldset>
</form>
<br><br>

```

```

<form method="GET" action="list">
<fieldset> <legend>Display operation</legend>
<input type="submit" value="View Database">
</fieldset>
</form>

</body>
</html>

```

web.xml

```

<web-app>

<servlet>
<servlet-name>gen</servlet-name>
<servlet-class>GenerateServlet</servlet-class>
</servlet>
<servlet-mapping>
<servlet-name>gen</servlet-name>
<url-pattern>/generate</url-pattern>
</servlet-mapping>

<servlet>
<servlet-name>ins</servlet-name>
<servlet-class>CreateServlet</servlet-class>

```

```

</servlet>
<servlet-mapping>
<servlet-name>ins</servlet-name>
<url-pattern>/insert</url-pattern>
</servlet-mapping>

<servlet>
<servlet-name>del</servlet-name>
<servlet-class>RemoveServlet</servlet-class>
</servlet>
<servlet-mapping>
<servlet-name>del</servlet-name>
<url-pattern>/delete</url-pattern>
</servlet-mapping>

<servlet>
<servlet-name>upd</servlet-name>
<servlet-class>UpdateServlet</servlet-class>
</servlet>
<servlet-mapping>
<servlet-name>upd</servlet-name>
<url-pattern>/update</url-pattern>
</servlet-mapping>

<servlet>
<servlet-name>lis</servlet-name>
<servlet-class>DisplayServlet</servlet-class>
</servlet>
<servlet-mapping>
<servlet-name>lis</servlet-name>
<url-pattern>/list</url-pattern>
</servlet-mapping>

</web-app>

```

CreateServlet.java

```

import javax.servlet.http.*;
import javax.servlet.*;
import java.io.*;
import java.sql.*;

```



```

public class CreateServlet extends HttpServlet

{
String regno,c,s,name;
int m1,m2,m3,m4,m5,m6,i,j;

public void doGet(HttpServletRequest req,HttpServletResponse res)
throws ServletException,IOException
{
    res.setContentType("text/html");
    PrintWriter pw=res.getWriter();

    try{
    Class.forName("com.mysql.jdbc.Driver");
    Connection con =
    DriverManager.getConnection("jdbc:mysql://localhost:3306/test", "root",
    "vaishu");

    String table_name = req.getParameter("table_name");

    if (table_name.equals("student"))
    {
    regno = req.getParameter("t2");
    name = req.getParameter("t0");

    PreparedStatement ps1 = con.prepareStatement("INSERT INTO student
    values(?,?);");
    ps1.setString(1,regno);
    ps1.setString(2,name);
    j=ps1.executeUpdate();
    }

    else if (table_name.equals("marks"))
    {
    regno = req.getParameter("t2");
    m1 = Integer.parseInt(req.getParameter("t3"));
    m2 = Integer.parseInt(req.getParameter("t4"));
    m3 = Integer.parseInt(req.getParameter("t5"));
    m4 = Integer.parseInt(req.getParameter("t6"));
    m5 = Integer.parseInt(req.getParameter("t7"));
    m6 = Integer.parseInt(req.getParameter("t8"));
    }
    }
}

```

```

PreparedStatement ps2 = con.prepareStatement("INSERT INTO marks
values(?,?,?,?,?,?,?);");
ps2.setString(1,regno);
ps2.setInt(2,m1);
ps2.setInt(3,m2);
ps2.setInt(4,m3);
ps2.setInt(5,m4);
ps2.setInt(6,m5);
ps2.setInt(7,m6);
j=ps2.executeUpdate();
}

```

```

if(j==1)
    pw.println("<p>Record inserted</p>");
else
    pw.println("<p>Record not inserted</p>");

```

```

pw.println("<html>");
pw.println("<body>");

```

```

if (table_name.equals("student"))
{
PreparedStatement ps = con.prepareStatement("SELECT * FROM student");
ResultSet rs = ps.executeQuery();

```

```

pw.println("<h2>Student Details after insertion</h2><br>");
pw.println("<table border='5px' cellspacing='2px' cellpadding='1px'>");
pw.println("<tr><th>Roll No</th><th>Name</th></tr>");
while (rs.next())
{
    regno=rs.getString("reg_no");
    name=rs.getString("name");
    pw.println("<tr><td>"+regno+"</td><td>"+name+"</td></tr>");
}
pw.println("</table>");
pw.println("<br><br>");
}

```

```

else{
PreparedStatement ps3 = con.prepareStatement("SELECT * FROM marks");
ResultSet rs1 = ps3.executeQuery();

```

```

pw.println("<h2>Marks Details after insertion</h2><br>");
pw.println("<table border='5px' cellspacing='2px' cellpadding='1px'>");
pw.println("<tr><th>Reg
No</th><th>CS8601</th><th>CS8602</th><th>CS8603</th><th>CS8651</t
h><th>CS8691</th><th>CS8075</th></tr>");
while (rs1.next())
{
    regno=rs1.getString("reg_no");
    m1=rs1.getInt(2);
    m2=rs1.getInt(3);
    m3=rs1.getInt(4);
    m4=rs1.getInt(5);
    m5=rs1.getInt(6);
    m6=rs1.getInt(7);
    pw.println("<tr><td>"+regno+"</td><td>"+m1+"</td><td>"+m2+"</td><td>
"+m3+"</td><td>"+m4+"</td><td>"+m5+"</td><td>"+m6+"</td></tr>");
}
pw.println("</table>");
pw.println("<br><br>");
}
pw.println("</body>");
pw.println("</html>");
con.close();
} catch (Exception e)
{pw.println("Error!");}

}

}

```

DisplayServlet.java

```

import javax.servlet.http.*;
import javax.servlet.*;
import java.io.*;
import java.sql.*;

public class DisplayServlet extends HttpServlet

{
    String c,s,name,regno;
    int s1,s2,s3,s4,s5,s6;

```

```

public void doGet(HttpServletRequest req, HttpServletResponse res)
throws ServletException, IOException
{
    res.setContentType("text/html");
    PrintWriter pw=res.getWriter();

    try{
        Class.forName("com.mysql.jdbc.Driver");
        Connection con =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/test", "root",
        "vaishu");

        pw.println("<html>");
        pw.println("<body>");

        PreparedStatement ps = con.prepareStatement("SELECT * FROM student");
        ResultSet rs = ps.executeQuery();

        pw.println("<h2>Student Details</h2><br>");
        pw.println("<table border='5px' cellspacing='2px' cellpadding='1px'>");
        pw.println("<tr><th>Roll No</th><th>Name</th></tr>");
        while (rs.next())
        {
            regno=rs.getString("reg_no");
            name=rs.getString("name");
            pw.println("<tr><td>"+regno+"</td><td>"+name+"</td></tr>");
        }
        pw.println("</table>");
        pw.println("<br>");

        PreparedStatement ps3 = con.prepareStatement("SELECT * FROM marks");
        ResultSet rs1 = ps3.executeQuery();

        pw.println("<h2>Marks Details</h2><br>");
        pw.println("<table border='5px' cellspacing='2px' cellpadding='1px'>");
        pw.println("<tr><th>Reg
        No</th><th>CS8601</th><th>CS8602</th><th>CS8603</th><th>CS8651</t
        h><th>CS8691</th><th>CS8075</th></tr>");
        while (rs1.next())
        {
            regno=rs1.getString("reg_no");
            s1=rs1.getInt(2);

```

```

s2=rs1.getInt(3);
s3=rs1.getInt(4);
s4=rs1.getInt(5);
s5=rs1.getInt(6);
s6=rs1.getInt(7);
pw.println("<tr><td>" + regno + "</td><td>" + s1 + "</td><td>" + s2 + "</td><td>" +
s3 + "</td><td>" + s4 + "</td><td>" + s5 + "</td><td>" + s6 + "</td></tr>");
}
pw.println("</table>");
pw.println("<br>");

```

```

PreparedStatement ps4 = con.prepareStatement("SELECT * FROM
mapping");
ResultSet rs2 = ps4.executeQuery();

```

```

pw.println("<h2>Course Details</h2><br>");
pw.println("<table border='5px' cellspacing='2px' cellpadding='1px'>");
pw.println("<tr><th>Subject Code</th><th>Subject Name</th></tr>");
while (rs2.next())
{
c=rs2.getString("code");
s=rs2.getString("sub");
pw.println("<tr><td>" + c + "</td><td>" + s + "</td></tr>");
}
pw.println("</table>");

```

```

pw.println("</body>");
pw.println("</html>");
con.close();}
catch (Exception e)
{pw.println("Error!");}

```

```

}

```

```

}

```

GenerateServlet.java

```

import javax.servlet.http.*;
import javax.servlet.*;
import java.io.*;

```

```

import java.sql.*;

public class GenerateServlet extends HttpServlet
{

    int i=0;
    int marks[];
    String regno,c,s;
    ResultSet rs1,rs2;
    Connection con ;

    public void doGet(HttpServletRequest req,HttpServletResponse res)
    throws ServletException,IOException
    {
        res.setContentType("text/html");
        PrintWriter pw=res.getWriter();
        try{
            Class.forName("com.mysql.jdbc.Driver");
            Connection con =
            DriverManager.getConnection("jdbc:mysql://localhost:3306/test", "root",
            "vaishu");

            PreparedStatement ps1 = con.prepareStatement("SELECT * FROM student
            WHERE reg_no=?");
            regno = req.getParameter("t1");
            ps1.setString(1,regno);
            rs1 = ps1.executeQuery();

            pw.println("<html>");
            pw.println("<body>");
            pw.println("<h2>MarkList</h2><br>");

            rs1.next();
            pw.print("<h3>Roll number: "+rs1.getString(1)+"</h3>+" ");
            pw.println("<h3>Name: "+rs1.getString(2)+"</h3><br><br>");

            PreparedStatement ps2 = con.prepareStatement("SELECT * FROM marks
            WHERE reg_no=?");
            ps2.setString(1,regno);
            rs2 = ps2.executeQuery();
            rs2.next();

```

```
marks = new int[6];
```

```
marks[0] = rs2.getInt(2);  
marks[1] = rs2.getInt(3);  
marks[2] = rs2.getInt(4);  
marks[3] = rs2.getInt(5);  
marks[4] = rs2.getInt(6);  
marks[5] = rs2.getInt(7);
```

```
PreparedStatement ps3 = con.prepareStatement("SELECT * FROM  
mapping");  
ResultSet rs3 = ps3.executeQuery();
```

```
pw.println("<table border='5px' cellspacing='2px' cellpadding='1px'>");  
pw.println("<tr><th>Subject Code</th><th>Subject  
Name</th><th>Marks</th></tr>");
```

```
while (rs3.next())  
{
```

```
//pw.println("marsddk"+marks[0]);
```

```
c=rs3.getString("code");  
s=rs3.getString("sub");  
pw.println("<tr><td>" + c + "</td><td>" + s + "</td><td>" + marks[i] + "</td></tr>")  
;  
i++;  
}
```

```
pw.println("</table>");  
pw.println("</body>");  
pw.println("</html>");  
con.close();  
}  
catch (Exception e) {pw.println("Erroreee!" + e);} 
```

```
}
```

```
}
```

RemoveServlet.java

```

import javax.servlet.http.*;
import javax.servlet.*;
import java.io.*;
import java.sql.*;
public class RemoveServlet extends HttpServlet

{
String c,s,name,regno;
int m1,m2,m3,m4,m5,m6,i,j;

public void doGet(HttpServletRequest req,HttpServletResponse res)
throws ServletException,IOException
{
    res.setContentType("text/html");
    PrintWriter pw=res.getWriter();

    try{
        Class.forName("com.mysql.jdbc.Driver");
        Connection con =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/test", "root",
        "vaishu");

        regno = req.getParameter("t8");
        PreparedStatement ps1 = con.prepareStatement("DELETE FROM student
        WHERE reg_no=?");
        ps1.setString(1,regno);
        i=ps1.executeUpdate();

        PreparedStatement ps2 = con.prepareStatement("DELETE FROM marks
        WHERE reg_no=?");
        ps2.setString(1,regno);
        j=ps2.executeUpdate();

        if(j!=1) pw.println("Mark not deleted");
        if(i==1 && j==1)
            pw.println("<p>Record deleted</p>");
        else
            pw.println("<p>Record not deleted</p>");

        pw.println("<html>");
    }
}

```



```
pw.println("<body>");
```

```
PreparedStatement ps = con.prepareStatement("SELECT * FROM student");  
ResultSet rs = ps.executeQuery();
```

```
pw.println("<h2>Student Details after deletion</h2><br>");  
pw.println("<table border='5px' cellspacing='2px' cellpadding='1px'>");  
pw.println("<tr><th>Roll No</th><th>Name</th></tr>");  
while (rs.next())  
{  
    regno=rs.getString("reg_no");  
    name=rs.getString("name");  
    pw.println("<tr><td>" + regno + "</td><td>" + name + "</td></tr>");  
}  
pw.println("</table>");  
pw.println("<br><br>");
```

```
PreparedStatement ps3 = con.prepareStatement("SELECT * FROM marks");  
ResultSet rs1 = ps3.executeQuery();
```

```
pw.println("<h2>Marks Details after deletion</h2><br>");  
pw.println("<table border='5px' cellspacing='2px' cellpadding='1px'>");  
pw.println("<tr><th>Reg  
No</th><th>CS8601</th><th>CS8602</th><th>CS8603</th><th>CS8651</t  
h><th>CS8691</th><th>CS8075</th></tr>");  
while (rs1.next())  
{  
    regno=rs1.getString("reg_no");  
    m1=rs1.getInt(2);  
    m2=rs1.getInt(3);  
    m3=rs1.getInt(4);  
    m4=rs1.getInt(5);  
    m5=rs1.getInt(6);  
    m6=rs1.getInt(7);  
    pw.println("<tr><td>" + regno + "</td><td>" + m1 + "</td><td>" + m2 + "</td><td>  
" + m3 + "</td><td>" + m4 + "</td><td>" + m5 + "</td><td>" + m6 + "</td></tr>");  
}  
pw.println("</table>");  
pw.println("<br><br>");  
  
pw.println("</body>");  
pw.println("</html>");
```

```

con.close();
} catch (Exception e)
{pw.println("Errorrrr!" + e.getMessage());}

}

}

```

UpdateServlet.java

```

import javax.servlet.http.*;
import javax.servlet.*;
import java.io.*;
import java.sql.*;

public class UpdateServlet extends HttpServlet

{
String c,s,name,regno;
int s1,s2,s3,s4,s5,s6,i,j;

public void doGet(HttpServletRequest req,HttpServletResponse res)
throws ServletException,IOException
{
    res.setContentType("text/html");
    PrintWriter pw=res.getWriter();

    try{
        Class.forName("com.mysql.jdbc.Driver");
        Connection con =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/test", "root",
        "vaishu");

        String table_name = req.getParameter("tbl_name");

        if (table_name.equals("student"))
        {
            regno = req.getParameter("t9");
            name = req.getParameter("t10");

```

```
PreparedStatement ps1 = con.prepareStatement("UPDATE student SET  
name=? WHERE reg_no=?;");  
ps1.setString(1,name);  
ps1.setString(2,regno);  
j=ps1.executeUpdate();  
}
```

```
else if (table_name.equals("marks"))  
{  
    regno = req.getParameter("t9");  
    s1 = Integer.parseInt(req.getParameter("t11"));  
    s2 = Integer.parseInt(req.getParameter("t12"));  
    s3 = Integer.parseInt(req.getParameter("t13"));  
    s4 = Integer.parseInt(req.getParameter("t14"));  
    s5 = Integer.parseInt(req.getParameter("t15"));  
    s6 = Integer.parseInt(req.getParameter("t16"));
```

```
PreparedStatement ps2 = con.prepareStatement("UPDATE marks SET  
sub1=?,sub2=?,sub3=?,sub4=?,sub5=?,sub6=? WHERE reg_no=?;");
```

```
ps2.setInt(1,s1);  
ps2.setInt(2,s2);  
ps2.setInt(3,s3);  
ps2.setInt(4,s4);  
ps2.setInt(5,s5);  
ps2.setInt(6,s6);  
ps2.setString(7,regno);
```

```
j=ps2.executeUpdate();  
}
```

```
if(j==1)  
    pw.println("<p>Record updated</p>");  
else  
    pw.println("<p>Record not updated</p>");
```

```
pw.println("<html>");  
pw.println("<body>");
```

```
if (table_name.equals("student"))  
{  
    PreparedStatement ps = con.prepareStatement("SELECT * FROM student");  
    ResultSet rs = ps.executeQuery();
```

```

pw.println("<h2>Student Details after updation</h2><br>");
pw.println("<table border='5px' cellspacing='2px' cellpadding='1px'>");
pw.println("<tr><th>Roll No</th><th>Name</th></tr>");
while (rs.next())
{
    regno=rs.getString("reg_no");
    name=rs.getString("name");
    pw.println("<tr><td>"+regno+"</td><td>"+name+"</td></tr>");
}
pw.println("</table>");
pw.println("<br><br>");
}




else{
PreparedStatement ps3 = con.prepareStatement("SELECT * FROM marks");
ResultSet rs1 = ps3.executeQuery();

pw.println("<h2>Marks Details after updation</h2><br>");
pw.println("<table border='5px' cellspacing='2px' cellpadding='1px'>");
pw.println("<tr><th>Reg
No</th><th>CS8601</th><th>CS8602</th><th>CS8603</th><th>CS8651</t
h><th>CS8691</th><th>CS8075</th></tr>");
while (rs1.next())
{
    regno=rs1.getString("reg_no");
    s1=rs1.getInt(2);
    s2=rs1.getInt(3);
    s3=rs1.getInt(4);
    s4=rs1.getInt(5);
    s5=rs1.getInt(6);
    s6=rs1.getInt(7);
    pw.println("<tr><td>"+regno+"</td><td>"+s1+"</td><td>"+s2+"</td><td>"+
s3+"</td><td>"+s4+"</td><td>"+s5+"</td><td>"+s6+"</td></tr>");
}
pw.println("</table>");
pw.println("<br><br>");
}
pw.println("</body>");
pw.println("</html>");
con.close();}
catch (Exception e)

```

```
{pw.println("Error updating!" +e);}
}
}
```

OUTPUT:

 localhost:8080/StudentMarkList/

Marklist Generation

Enter Roll No

Create Operation

☐ Student ☐ Marks

Enter Roll No

Enter Name

Enter Marks in CS8601

Enter Marks in CS8602

Enter Marks in CS8603

Enter Marks in CS8651

Enter Marks in CS8691

Enter Marks in CS8075

Remove operation

Enter Roll No

Update operation

☐ Student ☐ Marks

Enter Roll No

Enter Name

Enter Marks in CS8601

Enter Marks in CS8602

Enter Marks in CS8603

Enter Marks in CS8651

Enter Marks in CS8691

Enter Marks in CS8075

Display operation

Student Details

Roll No	Name
312217104156	Shivani
312217104181	Vaishali
312217104702	Mounika
312217104180	Uma
312217104160	Sneha
312217104100	Abi

Marks Details

Reg No	CS8601	CS8602	CS8603	CS8651	CS8691	CS8075
312217104181	80	85	90	95	100	75
312217104702	75	85	95	100	70	65
312217104180	82	61	79	93	50	88
312217104160	70	79	70	20	80	90
312217104156	71	88	52	92	70	64
312217104130	100	50	50	50	50	50

Course Details

Subject Code	Subject Name
CS8601	Mobile Computing
CS8602	Compiler Design
CS8603	Distributed Systems
CS8651	Internet Programming
CS8691	Artificial Intelligence
CS8075	DWDM

← → ↻ ⓘ localhost:8080/StudentMarkList/

Marklist Generation

Enter Roll No

← → ↻ ⓘ localhost:8080/StudentMarkList/generate?t1=312217104181

MarkList

Roll number: 312217104181

Name: Vaishali

Subject Code	Subject Name	Marks
CS8601	Mobile Computing	80
CS8602	Compiler Design	85
CS8603	Distributed Systems	90
CS8651	Internet Programming	95
CS8691	Artificial Intelligence	100
CS8075	DWDM	75

Create Operation

☒ Student ☐ Marks

Enter Roll No

Enter Name

Enter Marks in CS8601

Enter Marks in CS8602

Enter Marks in CS8603

Enter Marks in CS8651

Enter Marks in CS8691

Enter Marks in CS8075



localhost:8080/StudentMarkList/insert?table_name=st

Record inserted

Student Details after insertion

Roll No	Name
312217104156	Shivani
312217104181	Vaishali
312217104702	Mounika
312217104180	Uma
312217104160	Sneha
312217104100	Abi
312217104300	Jack

Create Operation

☐ Student
 ☒ Marks

Enter Roll No

Enter Name

Enter Marks in CS8601

Enter Marks in CS8602

Enter Marks in CS8603

Enter Marks in CS8651

Enter Marks in CS8691

Enter Marks in CS8075

Insert record

← → ↻ ⓘ localhost:8080/StudentMarkList/insert?table_name=marks&t2=31221710

Record inserted

Marks Details after insertion

Reg No	CS8601	CS8602	CS8603	CS8651	CS8691	CS8075
312217104181	80	85	90	95	100	75
312217104702	75	85	95	100	70	65
312217104180	82	61	79	93	50	88
312217104160	70	79	70	20	80	90
312217104156	71	88	52	92	70	64
312217104130	100	50	50	50	50	50
312217104300	100	50	50	100	50	50

Remove operation

Enter Roll No 312217104300

Delete record



localhost:8080/StudentMarkList/delete?t8=312217104300

Record deleted

Student Details after deletion

Roll No	Name
312217104156	Shivani
312217104181	Vaishali
312217104702	Mounika
312217104180	Uma
312217104160	Sneha
312217104100	Abi

Marks Details after deletion

Reg No	CS8601	CS8602	CS8603	CS8651	CS8691	CS8075
312217104181	80	85	90	95	100	75
312217104702	75	85	95	100	70	65
312217104180	82	61	79	93	50	88
312217104160	70	79	70	20	80	90
312217104156	71	88	52	92	70	64
312217104130	100	50	50	50	50	50

Update operation

☒ Student ☐ Marks

Enter Roll No

Enter Name

Enter Marks in CS8601

Enter Marks in CS8602

Enter Marks in CS8603

Enter Marks in CS8651

Enter Marks in CS8691

Enter Marks in CS8075



localhost:8080/StudentMarkList/update?tbl_name=stuc

Record updated

Student Details after updation

Roll No	Name
312217104156	Shivani
312217104181	Vaishali
312217104702	Mounika
312217104180	John
312217104160	Sneha
312217104100	Abi

Update operation

☐ Student ☒ Marks

Enter Roll No

Enter Name

Enter Marks in CS8601

Enter Marks in CS8602

Enter Marks in CS8603

Enter Marks in CS8651

Enter Marks in CS8691

Enter Marks in CS8075



localhost:8080/StudentMarkList/update?tbl_name=marks&t9=312217104180&t10=

Record updated

Marks Details after updation

Reg No	CS8601	CS8602	CS8603	CS8651	CS8691	CS8075
312217104181	80	85	90	95	100	75
312217104702	75	85	95	100	70	65
312217104180	100	100	100	100	100	100
312217104160	70	79	70	20	80	90
312217104156	71	88	52	92	70	64
312217104130	100	50	50	50	50	50