Homepage.html

```
login.html | LoginServlet.java | LoginServlet.java | homepage.html | http://localhost:8080/loginApplication/reg
1  <html>
2  <body bgcolor=yellow test=red>
3  <center>
4  <h1>Welcome to Login System (Developed By Aamir) </h1>
5  <a href="login.html">Login</a> <br>
6  <a href="reg.html">Registration</a>
7  </center>
8  </body>
9  </html>
```

```
login.html | LoginServlet.java | LoginServlet.java | homepage.html | http://localhost:8080/loginApplicatio
1
2  <html>
3  <body>
4  <center>
5  <h1><u>Login System</u></h1>
6  <form method=POST action=login>
7  User Name :<input type=text name=uname> <br><br>
8  Password :<input type=password name=pword><br><BR>
9  <input type=submit> <input type=reset>
10 </form>
11 </center>
12 </body>
13 </html>
```

```
login.html | LoginServlet.java | LoginServlet.java | homepage.html | http://localhost:8080/loginApplication/reg | reg.html
1
2  <html>
3  <body>
4  <center>
5    <h1><u>Registration Form</u></h1>
6    <form Method=post action=reg>
7      First Name : <input type=text name=fname > <br><br>
8      Last Name  : <input type=text name=lname > <br><br>
9      User Name  : <input type=text name=uname > <br><br>
10     Password   : <input type=password name=pword > <br><br>
11     <input type=submit > <input type=reset >
12   </form>
13 </center>
14 </body>
15 </html>
```

```
login.html | LoginServlet.java | LoginServlet.java | homepage.html | http://localhost:8080/loginApplication/reg
1  import java.sql.ResultSet;
2  import java.sql.SQLException;
3
4  import javax.servlet.ServletConfig;
5  import javax.servlet.ServletException;
6  import javax.servlet.annotation.WebServlet;
7  import javax.servlet.http.HttpServlet;
8  import javax.servlet.http.HttpServletRequest;
9  import javax.servlet.http.HttpServletResponse;
10
11 /**
12  * Servlet implementation class LogInServlet
13  */
14 @WebServlet("/login")
15 public class LogInServlet extends HttpServlet {
16   private static final long serialVersionUID = 1L;
17   Connection con ;
18
19   public void init(ServletConfig config) throws ServletException {
20       try {
21           Class.forName("com.mysql.cj.jdbc.Driver");
22           con = DriverManager.getConnection("jdbc:mysql://localhost:3306/aamir", "root", "Welcome@sde");
23       } catch (Exception e) {
24           // TODO Auto-generated catch block
25           e.printStackTrace();
26       }
27   }
28
29   public void destroy() {
30       try {
31           con.close();
32       } catch (SQLException e) {
33
34           e.printStackTrace();
35       }
36   }
37   /**
38    * @see HttpServlet#HttpServlet()
39    */
40   public LogInServlet() {
41       super();
42       // TODO Auto-generated constructor stub
43   }
44
45   /**
46    * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
47    */
48   protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
49
50       try {
51           String s1 = request.getParameter("uname");
52           String s2 = request.getParameter("pword");
53           PreparedStatement pstm = con.prepareStatement("select * from User where User=? and Password =?");
54           pstm.setString(1, s1);
55           pstm.setString(2, s2);
56           ResultSet rs = pstm.executeQuery();
57
58           PrintWriter pw = response.getWriter();
59           pw.println("<html bgcolor=red ><body><center><h1>");
60           if(rs.next())
61           {
62               pw.println("Welcome "+s1);
63           }else
64           {
65               pw.println("Invalid User");
66           }
67           pw.println("</h1></center></body></html>");
68       } catch (SQLException e) {
69           // TODO Auto-generated catch block
70           e.printStackTrace();
71       }
72   }
73 }
```

Loading the driver and established the connection to the database.

Checking weather data is present inside the DB or not

```
login.html | LoginServlet.java | LoginServlet.java | homepage.html | http://localhost:8080/loginApplication/reg | reg.html | RegServlet.java
1  */
2  @WebServlet("/reg")
3  public class RegServlet extends HttpServlet {
4    Connection con;
5
6    public void init(ServletConfig config) throws ServletException {
7        // TODO Auto-generated method stub
8        try {
9            Class.forName("com.mysql.cj.jdbc.Driver");
10           con = DriverManager.getConnection("jdbc:mysql://localhost:3306/aamir", "root", "Welcome@sde");
11
12       }catch(Exception e)
13       {
14           e.printStackTrace();
15       }
16   }
17
18   public void destroy() {
19       try {
20           con.close();
21       } catch (SQLException e) {
22           e.printStackTrace();
23       }
24   }
25
26   /**
27    * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
28    */
29   protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
30
31       try {
32           PrintWriter pw = response.getWriter();
33           String s1 = request.getParameter("fname");
34           String s2 = request.getParameter("lname");
35           String s3 = request.getParameter("uname");
36           String s4 = request.getParameter("pword");
37           PreparedStatement pstm = con.prepareStatement("insert into User values(?,?,?,?)");
38           pstm.setString(1, s1);
39           pstm.setString(2, s2);
40           pstm.setString(3, s3);
41           pstm.setString(4, s4);
42           pstm.executeUpdate();
43           pw.println("<html><body bgcolor=red text=yellow><center>");
44           pw.println("<h1>You Have Registered Successfully</h1>" );
45           pw.println("<a href=login.html>Login</a>");
46           pw.println("</center></body></html>");
47
48
49       }catch(Exception e)
50       {
51           e.printStackTrace();
52       }
53   }
54
```

Storing the data into databases.