

Index.html

```
<!DOCTYPE html>
```

```
<!--
```

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and open the template in the editor.

```
-->
```

```
<html>
```

```
  <head>
```

```
    <title>WebForm</title>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  </head>
```

```
  <body>
```

```
    <h1>Welcome To My Form</h1>
```

```
    <!--<div>deployment descriptor==web.xml</div>-->
```

```
    <form method="Get" action="LoginServlet">
```

```
      <table align='center' border="1px solid black">
```

```
        <tr><td>
```

```
          <a>user name</a>
```

```
        </td><td>
```

```
          <input type='text' name='username'>
```

```
        </td></tr>
```

```
      <tr><td>
```

```
        <a>Password</a>
```

```
</td><td>  
<input type='password' name='password'>  
</td></tr>  
<tr><td>  
<input type='submit' name='submit'>  
</td><td>  
<input type='reset' name='reset'>  
</td></tr>  
</table>  
</form>  
</body>  
</html>
```

LoginServlet.java

```
/*  
  
 * To change this license header, choose License Headers in Project Properties.  
  
 * To change this template file, choose Tools | Templates  
  
 * and open the template in the editor.  
  
*/
```

```
import java.io.IOException;  
  
import java.io.PrintWriter;  
  
import java.sql.Connection;  
  
import java.sql.DriverManager;  
  
import java.sql.PreparedStatement;  
  
import java.sql.ResultSet;  
  
import java.sql.SQLException;  
  
import java.util.logging.Level;  
  
import java.util.logging.Logger;  
  
import javax.servlet.ServletException;  
  
import javax.servlet.http.HttpServlet;  
  
import javax.servlet.http.HttpServletRequest;  
  
import javax.servlet.http.HttpServletResponse;
```

```
/**  
  
 *  
  
 * @author bot  
  
*/
```

```
public class LoginServlet extends HttpServlet {

    /**
     * Processes requests for both HTTP GET and POST
     * methods.
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    protected void processRequest(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            /* TODO output your page here. You may use following sample code. */
            out.println("<!DOCTYPE html>");
            out.println("<html>");
            out.println("<head>");
            out.println("<title>Servlet LoginServlet</title>");
            out.println("</head>");
            out.println("<body>");

            String u=request.getParameter("username");
            String p=request.getParameter("password");

            try {
```

Connection

```
c=DriverManager.getConnection("jdbc:mysql://localhost:3306/loginform?autoReconnect=true&useSSL=false","root","root");
```

```
PreparedStatement s=c.prepareStatement("select * from login where username =? and password =?");
```

```
s.setString(1, u);
```

```
s.setString(2, p);
```

```
/*
```

```
create table login(username varchar(20),password varchar(20));
```

```
*/
```

```
ResultSet r=s.executeQuery();
```

```
if(r.next())
```

```
    out.println("login sucessful");
```

```
else
```

```
    out.println("login unsucessfull");
```

```
} catch (SQLException ex) {
```

```
    Logger.getLogger(LoginServlet.class.getName()).log(Level.SEVERE, null, ex);
```

```
}
```

```
//out.println("<h1>Servlet LoginServlet at " + request.getContextPath() + "</h1>");
```

```
out.println("</body>");
```

```
out.println("</html>");
```

```
}
```

```
}
```

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">

/**

* Handles the HTTP <code>GET</code> method.

*

* @param request servlet request

* @param response servlet response

* @throws ServletException if a servlet-specific error occurs

* @throws IOException if an I/O error occurs

*/

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/**

* Handles the HTTP <code>POST</code> method.

*

* @param request servlet request

* @param response servlet response

* @throws ServletException if a servlet-specific error occurs

* @throws IOException if an I/O error occurs

*/

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

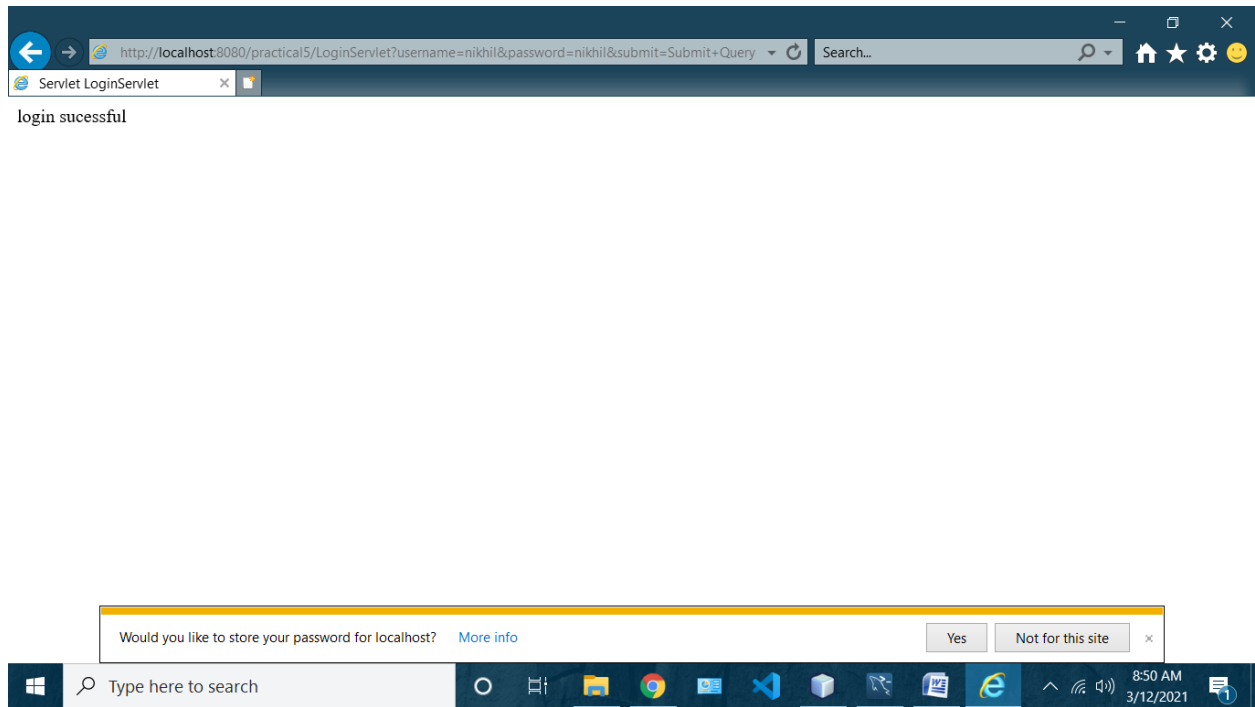
```
        throws ServletException, IOException {  
        processRequest(request, response);  
    }  
  
    /**  
     * Returns a short description of the servlet.  
     *  
     * @return a String containing servlet description  
     */  
    @Override  
    public String getServletInfo() {  
        return "Short description";  
    }  
}
```



Welcome To My Form

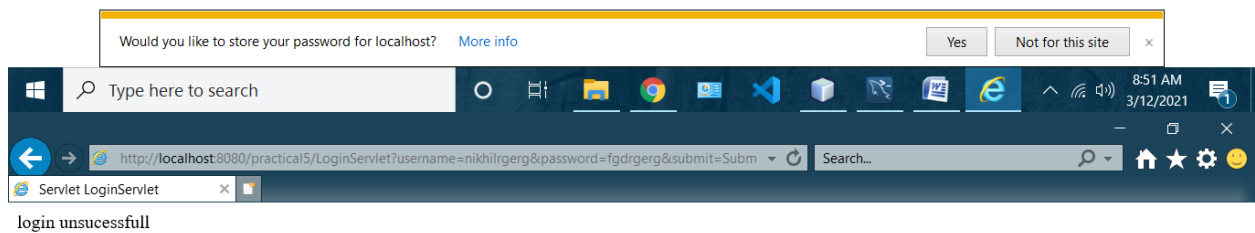
user name	<input type="text" value="nikhil"/>
Password	<input type="password" value="....."/>
<input type="button" value="Submit Query"/>	<input type="button" value="Reset"/>







user name	<input type="text" value="nikhilrgerg"/>
Password	<input type="password" value="fgdrgerg"/>
<input type="button" value="Submit Query"/>	<input type="button" value="Reset"/>



Registration.html

```
<!DOCTYPE html>
```

```
<!--
```

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and open the template in the editor.

```
-->
```

```
<html>
```

```
  <head>
```

```
    <title>TODO supply a title</title>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  </head>
```

```
  <body>
```

```
    <div>Register here</div>
```

```
    <form method="Get" action="RegisterServlet">
```

```
      <table align='center' border="1px solid black">
```

```
        <tr><td>
```

```
          <a>user name</a>
```

```
        </td><td>
```

```
          <input type='text' name='username'>
```

```
        </td></tr>
```

```
        <tr><td>
```

```
          <a>Password</a>
```

```
        </td><td>
```

```
<input type='password' name='password'>
</td></tr>
<tr><td>
<input type='submit' name='submit'>
</td><td>
<input type='reset' name='reset'>
</td></tr>
</table>
</form>
</body>
</html>
```

RegisterServlet.java

```
/*  
  
 * To change this license header, choose License Headers in Project Properties.  
  
 * To change this template file, choose Tools | Templates  
  
 * and open the template in the editor.  
  
*/
```

```
import java.io.IOException;  
  
import java.io.PrintWriter;  
  
import java.sql.Connection;  
  
import java.sql.DriverManager;  
  
import java.sql.PreparedStatement;  
  
import java.sql.ResultSet;  
  
import java.sql.SQLException;  
  
import java.util.logging.Level;  
  
import java.util.logging.Logger;  
  
import javax.servlet.ServletException;  
  
import javax.servlet.http.HttpServlet;  
  
import javax.servlet.http.HttpServletRequest;  
  
import javax.servlet.http.HttpServletResponse;
```

```
/**  
  
 *  
  
 * @author bot  
  
*/
```

```
public class RegisterServlet extends HttpServlet {

    /**
     * Processes requests for both HTTP GET and POST
     * methods.
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    protected void processRequest(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            /* TODO output your page here. You may use following sample code. */
            out.println("<!DOCTYPE html>");
            out.println("<html>");
            out.println("<head>");
            out.println("<title>Servlet LoginServlet</title>");
            out.println("</head>");
            out.println("<body>");

            String u=request.getParameter("username");
            String p=request.getParameter("password");

            try {
```

Connection

```
c=DriverManager.getConnection("jdbc:mysql://localhost:3306/loginform?autoReconnect=true&useSSL=false","root","root");
```

```
PreparedStatement s=c.prepareStatement("insert into login values (?,?)");
```

```
s.setString(1, u);
```

```
s.setString(2, p);
```

```
/*
```

```
create table login(username varchar(20),password varchar(20));
```

```
*/
```

```
int r=s.executeUpdate();
```

```
out.println("registration sucessful");
```

```
} catch (SQLException ex) {
```

```
    Logger.getLogger(LoginServlet.class.getName()).log(Level.SEVERE, null, ex);
```

```
}
```

```
//out.println("<h1>Servlet LoginServlet at " + request.getContextPath() + "</h1>");
```

```
out.println("</body>");
```

```
out.println("</html>");
```

```
}
```

```
}
```

```
// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">
```

```
/**
```

```
 * Handles the HTTP <code>GET</code> method.
```

```
 *
```

```
* @param request servlet request
* @param response servlet response
* @throws ServletException if a servlet-specific error occurs
* @throws IOException if an I/O error occurs
*/
```

@Override

```
protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    processRequest(request, response);
}
```

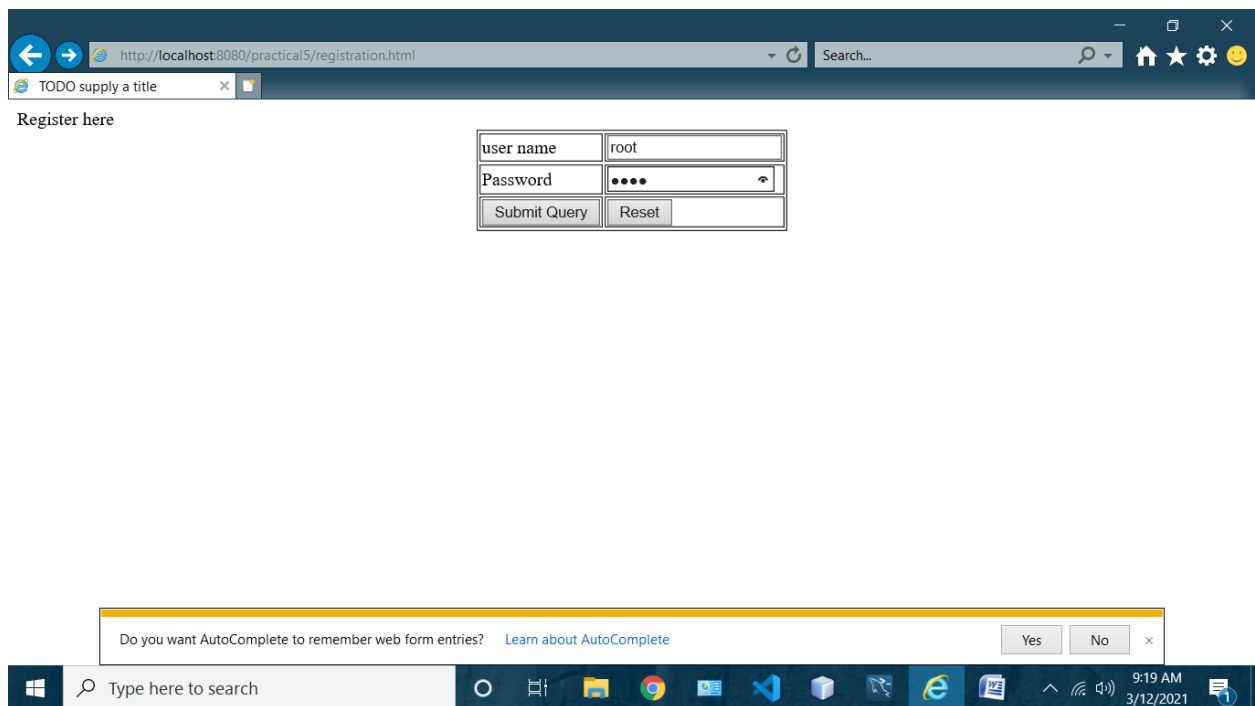
```
/**
```

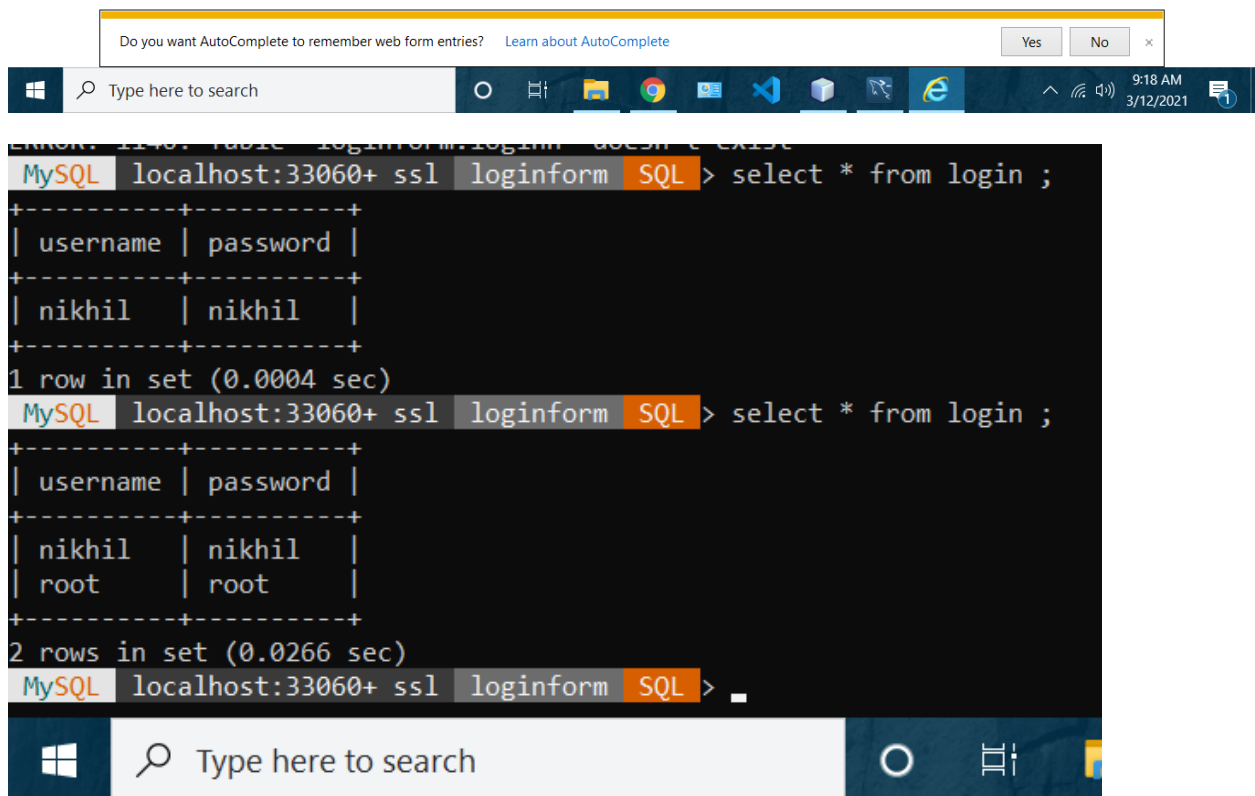
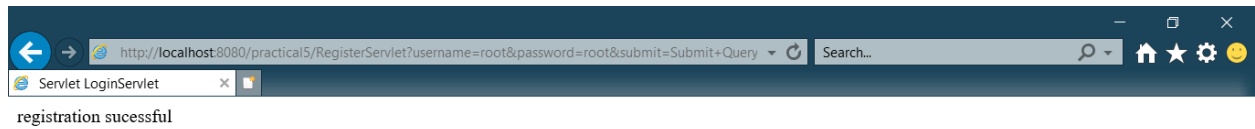
```
* Handles the HTTP <code>POST</code> method.
*
* @param request servlet request
* @param response servlet response
* @throws ServletException if a servlet-specific error occurs
* @throws IOException if an I/O error occurs
*/
```

@Override

```
protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    processRequest(request, response);
}
```

```
/**  
 * Returns a short description of the servlet.  
 *  
 * @return a String containing servlet description  
 */  
  
@Override  
public String getServletInfo() {  
    return "Short description";  
}  
}
```





Update.html

```
<!DOCTYPE html>
```

```
<!--
```

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and open the template in the editor.

```
-->
```

```
<html>
```

```
  <head>
```

```
    <title>update</title>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  </head>
```

```
  <body>
```

```
    <form method="Get" action="UpdateServlet">
```

```
      <table align='center' border="1px solid black">
```

```
        <tr><td>
```

```
          <a>user name</a>
```

```
        </td><td>
```

```
          <input type='text' name='username'>
```

```
        </td></tr>
```

```
        <tr><td>
```

```
          <a>Password</a>
```

```
        </td><td>
```

```
          <input type='password' name='password'>
```

```
</td></tr>
<tr><td>
<a>New Password</a>
</td><td>
<input type='password' name='newpassword'>
</td></tr>
<tr><td>
<input type='submit' name='submit'>
</td><td>
<input type='reset' name='reset'>
</td></tr>
</table>
</form>
</body>
</html>
```

UpdateServlet.java

```
/*  
  
 * To change this license header, choose License Headers in Project Properties.  
  
 * To change this template file, choose Tools | Templates  
  
 * and open the template in the editor.  
  
*/
```

```
import java.io.IOException;  
  
import java.io.PrintWriter;  
  
import java.sql.Connection;  
  
import java.sql.DriverManager;  
  
import java.sql.PreparedStatement;  
  
import java.sql.ResultSet;  
  
import java.sql.SQLException;  
  
import java.util.logging.Level;  
  
import java.util.logging.Logger;  
  
import javax.servlet.ServletException;  
  
import javax.servlet.http.HttpServlet;  
  
import javax.servlet.http.HttpServletRequest;  
  
import javax.servlet.http.HttpServletResponse;
```

```
/**  
  
 *  
  
 * @author bot  
  
*/
```

```
public class UpdateServlet extends HttpServlet {

    /**
     * Processes requests for both HTTP GET and POST
     * methods.
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    protected void processRequest(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            /* TODO output your page here. You may use following sample code. */
            out.println("<!DOCTYPE html>");
            out.println("<html>");
            out.println("<head>");
            out.println("<title>Servlet UpdateServlet</title>");
            out.println("</head>");
            out.println("<body>");
            out.println("<body>");

            String u=request.getParameter("username");

            String p=request.getParameter("password");
```

```
String n=request.getParameter("newpassword");

try {

    Connection
c=DriverManager.getConnection("jdbc:mysql://localhost:3306/loginform?autoReconnect=true&useSSL=
false","root","root");

    PreparedStatement s=c.prepareStatement("select * from login where username =? and
password =?");

    s.setString(1, u);

    s.setString(2, p);

    /*

create table login(username varchar(20),password varchar(20));

*/

    ResultSet r=s.executeQuery();

    if(r.next())

    {

        s=c.prepareStatement("update login set password =? where username =? and password=?");

        s.setString(1, n);

        s.setString(2, u);

        s.setString(3, p);

        s.executeUpdate();

        out.println("update sucessful");

    }

    else

        out.println("update unsucessfull");

} catch (SQLException ex) {
```

```
        Logger.getLogger(LoginServlet.class.getName()).log(Level.SEVERE, null, ex);
    }

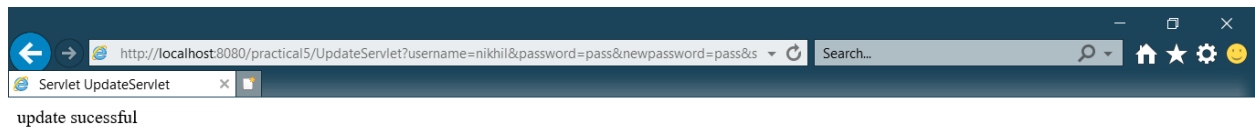
    out.println("</body>");
    out.println("</html>");
}
}
```

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">

```
/**
 * Handles the HTTP <code>GET</code> method.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */
@Override
protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    processRequest(request, response);
}

/**
 * Handles the HTTP <code>POST</code> method.
```

```
*  
  
* @param request servlet request  
* @param response servlet response  
* @throws ServletException if a servlet-specific error occurs  
* @throws IOException if an I/O error occurs  
*/  
  
@Override  
protected void doPost(HttpServletRequest request, HttpServletResponse response)  
    throws ServletException, IOException {  
    processRequest(request, response);  
}  
  
/**  
 * Returns a short description of the servlet.  
 *  
 * @return a String containing servlet description  
 */  
  
@Override  
public String getServletInfo() {  
    return "Short description";  
} // </editor-fold>  
  
}
```

```
MySQL localhost:33060+ ssl loginform SQL > select * from login ;
+-----+-----+
| username | password |
+-----+-----+
| nikhil   | nikhil   |
| root     | root     |
+-----+-----+
2 rows in set (0.0005 sec)
MySQL localhost:33060+ ssl loginform SQL > select * from login ;
+-----+-----+
| username | password |
+-----+-----+
| nikhil   | pass     |
| root     | root     |
+-----+-----+
2 rows in set (0.0004 sec)
MySQL localhost:33060+ ssl loginform SQL > _
```

Delete.html

```
<!DOCTYPE html>
```

```
<!--
```

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and open the template in the editor.

```
-->
```

```
<html>
```

```
  <head>
```

```
    <title>delete</title>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  </head>
```

```
  <body>
```

```
    <form method="Get" action="DeleteServlet">
```

```
      <table align='center' border="1px solid black">
```

```
        <tr><td>
```

```
          <a>user name</a>
```

```
        </td><td>
```

```
          <input type='text' name='username'>
```

```
        </td></tr>
```

```
        <tr><td>
```

```
          <a>Password</a>
```

```
        </td><td>
```

```
          <input type='password' name='password'>
```

```
</td></tr>
<tr><td>
<input type='submit' name='submit'>
</td><td>
<input type='reset' name='reset'>
</td></tr>
</table>
</form>
</body>
</html>
```

DeleteServlet.java

```
/*  
  
 * To change this license header, choose License Headers in Project Properties.  
 * To change this template file, choose Tools | Templates  
 * and open the template in the editor.  
 */  
  
import java.io.IOException;  
  
import java.io.PrintWriter;  
  
import java.sql.Connection;  
  
import java.sql.DriverManager;  
  
import java.sql.PreparedStatement;  
  
import java.sql.SQLException;  
  
import java.util.logging.Level;  
  
import java.util.logging.Logger;  
  
import javax.servlet.ServletException;  
  
import javax.servlet.http.HttpServlet;  
  
import javax.servlet.http.HttpServletRequest;  
  
import javax.servlet.http.HttpServletResponse;  
  
/**  
 *  
 * @author bot  
 */  
  
public class DeleteServlet extends HttpServlet {
```

```
/**
 * Processes requests for both HTTP GET and POST
 * methods.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */
protected void processRequest(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    response.setContentType("text/html;charset=UTF-8");
    try (PrintWriter out = response.getWriter()) {
        /* TODO output your page here. You may use following sample code. */
        out.println("<!DOCTYPE html>");
        out.println("<html>");
        out.println("<head>");
        out.println("<title>Servlet DeleteServlet</title>");
        out.println("</head>");
        out.println("<body>");

        String u=request.getParameter("username");
        String p=request.getParameter("password");

        try {
```

Connection

```
c=DriverManager.getConnection("jdbc:mysql://localhost:3306/loginform?autoReconnect=true&useSSL=false","root","root");
```

```
PreparedStatement s=c.prepareStatement("delete from login where username=? and password=?");
```

```
s.setString(1, u);
```

```
s.setString(2, p);
```

```
/*
```

```
create table login(username varchar(20),password varchar(20));
```

```
*/
```

```
int r=s.executeUpdate();
```

```
out.println("deletion sucessful");
```

```
} catch (SQLException ex) {
```

```
    Logger.getLogger(LoginServlet.class.getName()).log(Level.SEVERE, null, ex);
```

```
}
```

```
out.println("</body>");
```

```
out.println("</html>");
```

```
}
```

```
}
```

```
// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">
```

```
/**
```

```
 * Handles the HTTP <code>GET</code> method.
```

```
 *
```

```
* @param request servlet request
* @param response servlet response
* @throws ServletException if a servlet-specific error occurs
* @throws IOException if an I/O error occurs
*/
```

@Override

```
protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    processRequest(request, response);
}
```

/**

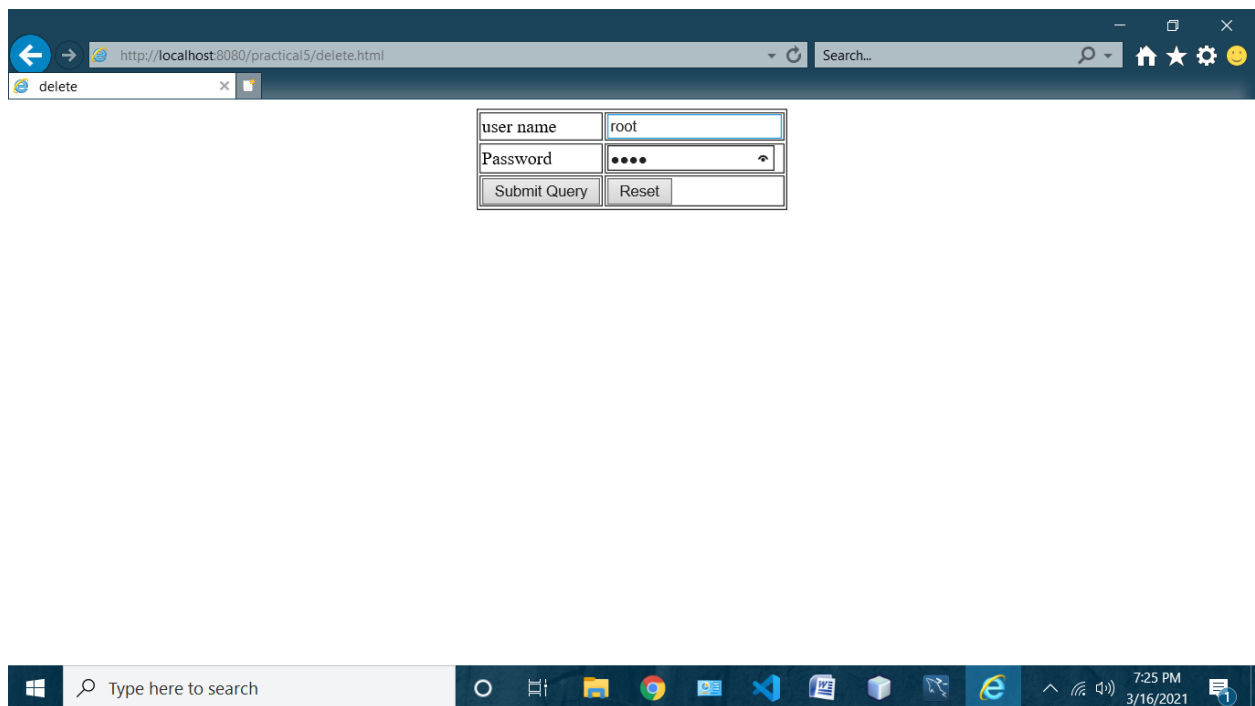
```
* Handles the HTTP <code>POST</code> method.
*
* @param request servlet request
* @param response servlet response
* @throws ServletException if a servlet-specific error occurs
* @throws IOException if an I/O error occurs
*/
```

@Override

```
protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    processRequest(request, response);
}
```



```
/**  
 * Returns a short description of the servlet.  
 *  
 * @return a String containing servlet description  
 */  
  
@Override  
public String getServletInfo() {  
    return "Short description";  
}  
}
```



```
2 rows in set (0.0005 sec)
MySQL localhost:33060+ ssl loginform SQL > select * from login ;
+-----+-----+
| username | password |
+-----+-----+
| nikhil   | pass     |
| root     | root     |
+-----+-----+
2 rows in set (0.0004 sec)
MySQL localhost:33060+ ssl loginform SQL > select * from login ;
+-----+-----+
| username | password |
+-----+-----+
| nikhil   | pass     |
+-----+-----+
1 row in set (0.0099 sec)
MySQL localhost:33060+ ssl loginform SQL > _
```