

KIRAN KUMAR D NATIKAR

EMP ID NO:2576955

SOURCE CODE:

Create Database productdbd;

Use productdbd;

```
create table product(pid int not null,type varchar(30),model varchar(30),name varchar(30));
```

```
insert into product(pid,type,model,name)values(111,'lcd','S1227i','desktop');
```

```
insert into product(pid,type,model,name)values(222,'single processor','Dell','notebook');
```

```
insert into product(pid,type,model,name)values(121,'usb port','l11h23','keyboard');
```

```
insert into product(pid,type,model,name)values(232,'programmer','m19','calculator');
```

```
insert into product(pid,type,model,name)values(333,'led','121g2','monitor');
```

```
select * From product;
```

INDEX.HTML

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
  <body>
    <center>
      <form action="SERVLETSearch" method="post">
Enter Product Id: <input type="text" name="productid" placeholder="Product ID"><br/>
<input type="submit" value="Search">
      </form>
    </center>
  </body>
</html>
```

SERVLETSEARCH. JAVA:

```
import java.io.IOException;
import java.sql.*;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import java.io.PrintWriter;
```

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```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.ResultSetMetaData;

/**
 * Servlet implementation class SERVLETSearch
 */
@WebServlet("/SERVLETSearch")
public class SERVLETSearch extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public SERVLETSearch() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
    response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at:
    ").append(request.getContextPath());
    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
    response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse
    response) throws ServletException, IOException {
        response.setContentType("text/html");
        PrintWriter out = response.getWriter();

        int productid=Integer.parseInt(request.getParameter("productid"));

        try {Class.forName("com.mysql.jdbc.Driver");
            Connection con =
            DriverManager.getConnection("jdbc:mysql://localhost:3306/productdbd", "root",
            "9380451430");

            PreparedStatement ps = con.prepareStatement("SELECT * FROM eproduct
            WHERE productid = ?");
            ps.setInt(1, productid);

            out.print("<table width=25% border=1>");
            out.print("<caption><h1>Product Result:</h1></caption>");
```

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```
        ResultSet rs = ps.executeQuery();
        ResultSetMetaData rsmd = rs.getMetaData();
        int totalColumn = rsmd.getColumnCount();

        out.print("<tr>");
        for (int i = 1; i <= totalColumn; i++) {
            out.print("<th>" + rsmd.getColumnName(i) + "</th>");
        }
        out.print("</tr>");

        while (rs.next()) {
            out.print("<tr>");
            out.print("<td>" + rs.getInt(1) + "</td>");
            out.print("<td>" + rs.getString(2) + "</td>");
            out.print("<td>" + rs.getString(3) + "</td>");
            out.print("<td>" + rs.getDate(4) + "</td>");
            out.print("</tr>");
        }

        out.print("</table>");

    }catch(Exception e) {
        out.print(e);
    }

}
```