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

```
// JAVA CLASS
```

```
package com.product;

import java.io.IOException;
import java.io.PrintWriter;
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;

/**
 * Servlet implementation class Search
```

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*/

@WebServlet("/Search")

public class Search extends HttpServlet {

    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public Search() {

        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
    request, HttpServletResponse response)

```

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        */

protected void doPost(HttpServletRequest req,
HttpServletRequest resp) throws ServletException,
IOException {

    resp.setContentType("text/html");

    PrintWriter out=resp.getWriter();

    int
mypid=Integer.parseInt(req.getParameter("pid"));

    try {

        Class.forName("com.mysql.cj.jdbc.Driver");

        Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:33
06/mphasis_db","root","suvashree#1234");

        PreparedStatement
ps=con.prepareStatement("select *from product where
pid=?");

        ps.setInt(1, mypid);

        out.print("<table width=75% border=1>");

        out.print("<caption>Product result:</caption>");

        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>");

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    }

    out.print("<tr>");

    while(rs.next()) {

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

    }

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

}

catch(Exception ex) {

    out.print(ex);

}}

}

```

```
// PRODUCT TABLE
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```

use mphasis_db;

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');

```