**Retrieving the Product Details**

1. **Create index.html file**
2. **Create Table in mysql and insert product details**
3. **Create DBConnection class file**
4. **Create productsearch servlet file**

**1)Create index.html file**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"productsearch"* method=*"post"*>

Id <input type=*"text"* name=*"ID"*><br><br>

<input type=*"submit"* value=*"find"*><br>

</form>

</body>

</html>

**3)Create DBConnection class file**

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import javax.naming.spi.DirStateFactory.Result;

public class DBConnection {

PreparedStatement pst;

static Connection con;

public static Connection getMyConnection() {

try{

//step1 load the driver class

Class.forName("com.mysql.cj.jdbc.Driver"); //com.mysql.jdbc.driver //com.mysql.cj.jdbc.Driver //oracle.jdbc.driver.OracleDriver

//step2 create the connection object

con=DriverManager.getConnection("jdbc:mysql://localhost:3306/Mphasis","root","Iqbal");

}

catch(Exception e) {

e.printStackTrace();

}

return con;}}

**4) Create productsearch servlet file**

**import java.io.IOException;**

**import java.io.PrintWriter;**

**import java.sql.Connection;**

**import java.sql.PreparedStatement;**

**import java.sql.ResultSet;**

**import javax.servlet.ServletException;**

**import javax.servlet.annotation.WebServlet;**

**import javax.servlet.http.HttpServlet;**

**import javax.servlet.http.HttpServletRequest;**

**import javax.servlet.http.HttpServletResponse;**

**@WebServlet("/productsearch")**

**public class productsearch extends HttpServlet {**

**private static final long serialVersionUID = 1L;**

**public productsearch() {**

**super();**

**// TODO Auto-generated constructor stub**

**}**

**protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {**

**// TODO Auto-generated method stub**

**int id=Integer.parseInt(request.getParameter("ID"));**

**try {**

**Connection con=DBConnection.getMyConnection();**

**String str=("select ID,name,price from eproduct where ID=? ");**

**PreparedStatement ps=con.prepareStatement(str);**

**ps.setInt(1, id);**

**ResultSet ans =ps.executeQuery();**

**PrintWriter out=response.getWriter();**

**if(ans.next()) {**

**out.println("<table border=2>");**

**out.println("<tr><th>ID</th><th>name</th><th>price</th></tr>");**

**out.println("<tr>");**

**out.print("<td>"+ans.getInt("ID")+"</td>");**

**out.print("<td>"+ans.getString("name")+"</td>");**

**out.print("<td>"+ans.getDouble("price")+"</td>");**

**out.println("</tr>");**

**out.println("</table>");**

**con.close();**

**}**

**else {out.println("record not found");**

**}**

**}**

**catch(Exception e) {**

**e.printStackTrace();**

**}**

**}**

**}**