

Retrieving the Product Details Using the Product ID.

Index.html

```
<html>

<body>

<form action="servlet/Search">

Enter Product Id:<input type="text" name="id"/><br/>


<input type="submit" value="search"/>

</form>

</body>

</html>
```

DBConfig.java

```
package com.simplilearn.demo;


import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
import java.util.Properties;


public class DBConfig {


    public static Connection getConnection(Properties props) {


        Connection connection=null;


        String driver="com.mysql.cj.jdbc.Driver";
        String url="jdbc:mysql://localhost:3306/ecommerce1";
        String username="root";
        String password="978213";
```

```

        try {

            //load driver
            Class.forName(driver);

            //get connection and store it con object
            connection=DriverManager.getConnection(url,username,password);


        } catch (ClassNotFoundException e) {

            // TODO Auto-generated catch block
            e.printStackTrace();

        } catch (SQLException e) {

            // TODO: handle exception
            e.printStackTrace();

        }

        return connection;

    }

}

```

Retrievedata.java

```

package com.simplilearn.demo;

import java.io.IOException;
import java.io.InputStream;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.Properties;
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("/servlet/Search")

public class Retrievedata extends HttpServlet {

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

        // TODO Auto-generated method stub

        PrintWriter out=resp.getWriter();

        resp.setContentType("text/html");

        //accessing the id entered by the user

        String param=req.getParameter("id");

        //converting string to int

        int id= Integer.parseInt(param);

        //connecting to database

        Properties props= new Properties();

        InputStream in= getServletContext().getResourceAsStream("/WEB-
INF/application.properties");

        props.load(in);

        Connection conn=DBConfig.getConnection(props);

        if(conn!=null)
        {

            try {

                //update operation

                PreparedStatement stmt= conn.prepareStatement("SELECT * FROM
eproduct WHERE id=?");

                stmt.setInt(1, id);

                ResultSet rs=stmt.executeQuery();

```

```

        out.print("<table border=1 cellpadding=10 cellspacing=0> <thead><tr>");
        out.print("<th>ID</th><th>NAME</th><th>PRICE</th><th>DATE</th>");
        out.print("<tr></thead>");
        out.print("<tbody>");

        while(rs.next()) {

            out.print("<tr>");

            //out.print(rs.getInt(1)+" "+rs.getString(2)+"
"+rs.getBigDecimal(3)+" "+rs.getTimestamp(4)+"<br>");

            out.print("<td>"+rs.getInt(1)+"</td><td>"+rs.getString(2)+"</td><td>"+rs.getBigDecimal(3)+"</t
d><td>"+rs.getTimestamp(4)+"</td>");

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

        }

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

    } catch (SQLException e) {

        // TODO Auto-generated catch block
        e.printStackTrace();

    }

}

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

    // TODO Auto-generated method stub
    doGet(req, resp);

}

}

```