1. index.html

```html
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Search Product</title>
</head>
<body>
      <h2 style="text-align:center;">Enter the Product ID to be searched</h2>
      <form method="post" action="SearchProduct">
      <p style="text-align: center;">
            <input type="text" name="id" placeholder="Product ID" required
/>
                
            <input type="submit" value="Search" />
      </form>
</body>
</html>
```

2. DbConnection.java

```java
package com.ecommerce;
import java.sql.*;
public class DbConnection
{
      public static Connection getConnection()
      {
            Connection conObj = null;
            try
            {
                  Class.forName("com.mysql.cj.jdbc.Driver");
      conObj =
DriverManager.getConnection("jdbc:mysql://localhost:3306/ecommerce","root"
, "root");
            }
            catch(Exception e)
            {
```

```
                    e.printStackTrace();
            }
            return conObj;
        }
}
```

3. SearchProduct.java

```java
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.Statement;

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 com.ecommerce.DbConnection;

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

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

```java
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request,
HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException
    {
        String productId = request.getParameter("id");
        try
        {

            Connection con = DbConnection.getConnection();
        PreparedStatement psObj = con.prepareStatement("SELECT * FROM
eproduct WHERE ID=?");
        psObj.setString(1, productId);

        ResultSet rs = psObj.executeQuery();

        response.setContentType("text/html");
        PrintWriter out = response.getWriter();

        if (rs.next())
        {
          String productName = rs.getString("name");
          double productPrice = rs.getDouble("price");
          String dateAdded = rs.getString("date_added");

          out.println("<h2>Product Details</h2>");
          out.println("<p><strong>Name:</strong> " + productName +
"</p>");
          out.println("<p><strong>Price:</strong> $" + productPrice + "</p>");
          out.println("<p><strong>Date Added:</strong> " + dateAdded +
"</p>");
        }
        else
```

```java
        {
            out.println("<p>No product found with ID: " + productId + "</p>");
        }


            }
            catch(Exception e)
            {
                    e.printStackTrace();
            }
        }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request,
HttpServletResponse response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {
            // TODO Auto-generated method stub
            doGet(request, response);
        }

}
```

4. SQL queries

```sql
create database ecommerce;
use ecommerce;
CREATE TABLE eproduct (ID bigint primary key auto_increment, name
varchar(100), price decimal(10,2), date_added timestamp default now());
INSERT INTO eproduct(name,price) VALUES("HP Laptop ABC", 12000);
INSERT INTO eproduct(name,price) VALUES("Acer Laptop ABC", 14000) ;
INSERT INTO eproduct(name,price) VALUES("Lenovo Laptop ABC", 12000);
SELECT * from eproduct;
```