

## ProductDetails.java

```
package com.servlet;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;

import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

public class ProductDetails extends HttpServlet {
    private static final long serialVersionUID = 1L;
    public ProductDetails() {
        super();
    }
    protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {

        String productId = request.getParameter("id");
        System.out.println(productId);
        int id = Integer.valueOf(productId);
        final String URL = "jdbc:postgresql://localhost:5432/postgres";
        final String USER = "myuser";
        final String PASSWORD = "mypass";
        final String DRIVER = "org.postgresql.Driver";
        Connection conn = null;

        try {
            Class.forName(DRIVER);
            conn = DriverManager.getConnection(URL, USER, PASSWORD);
            System.out.println("Connection Established");
        } catch (ClassNotFoundException | SQLException e) {
            e.printStackTrace();
        }
    }
}
```

```

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

            out.println("<html><body>");
            out.println("<h3>Product Details</h3>");
            out.println("<table border=1><tr>" + "<td><b>ID</b></td>" + "<td><b>Name</b></td>"
                + "<td><b>Price</b></td>" + "<td><b>Date Added</b></td>");

            PreparedStatement ps=conn.prepareStatement("select * from eproduct where id=?");
            ps.setInt(1,id);

            ResultSet rs = ps.executeQuery();

            while (rs.next()) {
                int sno = rs.getInt("id");
                String brand = rs.getString("name");
                float price = rs.getFloat("price");
                String date = rs.getString("date_added");

                out.println("<tr>" + "<td>" + sno + "</td>" + "<td>" + brand + "</td>" +
                    "<td>" + price + "</td>" + "<td>" + date
                    + "</td></tr>");

            }
            out.println("</table></body></html>");

            rs.close();
            ps.close();
            out.close();

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

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

        doGet(request, response);
    }
}

```

Index.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Taking ID</title>
</head>
<body>
  <form action="ProductDetails" method="post">
    <input type="number" name="id"></input>
    <input type="submit" value="Fetch">
  </form>
</body>
</html>
```