

Index.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Product Details</title>
<script
src="https://ajax.googleapis.com/ajax/li
bs/jquery/3.6.0/jquery.min.js"></script>
<link
href="https://cdn.jsdelivr.net/npm/boots
trap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTw
Fspd3yD65VohhpuuCOMLASjC"
crossorigin="anonymous">
<style>
    body{
        background-image: linear-
gradient(to right, rgba(255,0,0,0),
rgba(255,0,0,1));

    }
    h1{

        color: blue;
        font-style: oblique;
        display: inline;
        margin-left:270px;
```

```

    }
    table{
        border: 2px solid blue;
        margin-left: 340px;
        display:none;
    }

</style>
</head>
<body>
<div class="container my-3">

    <h1>Search Product Id : </h1>
    <input class="py-3" type="text"
name="productId" id="productId">
    <button class="btn btn-primary btn-
lg mb-1"
onclick="getToResults()">Search</button>

</div>
    <div class="container2 col-6">
        <table class="table table-hover"
id="results">

            </table>
    </div>

```

```
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-MrcW6ZMFYlzcLA8NL+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
<script type="text/javascript">
    function getToResults() {

        var params = {'productId' :
document.getElementById("productId").value};

        alert(params.productId);
        $.ajax({
            type: 'POST',
            url: 'ProductDetails',
            data: params,
            async: false,
            success: function (result) {
                console.log(result);

document.getElementById('results').innerHTML=result;

document.getElementById('results').style
="display:block";
            }
        });
    }
});
```

```
}  
</script>  
</body>  
</html>
```

ProductDetails.Java

```
import java.io.IOException;  
import java.io.InputStream;  
import java.io.PrintWriter;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;  
import java.sql.ResultSetMetaData;  
import java.util.Properties;  
  
import javax.servlet.RequestDispatcher;  
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;
```

```
@WebServlet("/ProductDetails")

public class ProductDetails extends HttpServlet {

    private static final long serialVersionUID = 1L;

    public ProductDetails() {

        super();

    }

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

        try {

            String id= request.getParameter("productId");

            System.out.println(id);

            response.setContentType("text/html");

            PrintWriter out = response.getWriter();

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

            Properties props = new Properties();

            props.load(in);

            DBConnection conn = new DBConnection(props.getProperty("url"),
props.getProperty("userid"), props.getProperty("password"));
```

```
String sql="SELECT * FROM products WHERE productId='"+id+"'";

PreparedStatement pstmt = conn.getConnection().prepareStatement(sql);

ResultSet rs = pstmt.executeQuery();


/* Printing column names */

ResultSetMetaData rsmd=rs.getMetaData();

int total=rsmd.getColumnCount();

out.print("<tr>");

for(int i=1;i<=total;i++)

{

out.print("<th scope='row'>" +rsmd.getColumnName(i)+"</th>");

}

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

/* Printing result */

while(rs.next())

{

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

}

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

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

```
    }
```

```
}
```

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

```
        // TODO Auto-generated method stub
```

```
        doGet(request, response);
```

```
    }
```

```
}
```