Retrieving the Product Details Using the Product ID

Writeup

Project objective:

Create a servlet-based application that shows a form to enter a product ID. The product ID is then validated, and product details are retrieved from the database and displayed to the user. You need to create a product table in MySQL and prepopulate it with data. Use JDBC to do all database processing.

Software used:

* STS
* Tomcat Server
* MySQL

Steps:

Step 1: Create dynamic web page

Step 2: Create HTML page – index.html

Step 3: Create ProductDAO, DbUtil, Product java files and Select Servlet file

Step 4: index.html takes product id as input from the user to extract the details from SQL and print them

Step 5: ProductDAO java is used for extraction of SQL data (product table) from MySQL

Step 6: DbUtil java is used for connection establishment between Servlet and JDBC

Step 7: Product.java file is used to store product id and send them to ProductDAO.java file to extract specific row and it is printed using PrintWriter function