**package com.javaProgram.Phase2;**

**import java.io.IOException;**

**import java.sql.Connection;**

**import java.sql.DriverManager;**

**import java.sql.PreparedStatement;**

**import java.sql.ResultSet;**

**import java.sql.SQLException;**

**import java.util.Scanner;**

**public class ConnectWithJDBC {**

**public static final String URLTOCONNECT = "jdbc:mysql://localhost:3306/rakesh16";**

**public static final String USERNAME = "root";**

**public static final String PASSWORD = "";**

**private Connection connection;**

**public static PreparedStatement statement ;**

**public static ResultSet resultSet ;**

**public static int ProductId;**

**public static void main(String[] args) throws ClassNotFoundException{**

**{**

**// Step 2: Establishing a connection**

**ConnectWithJDBC connection = new ConnectWithJDBC();**

**// Try block to check exceptions**

**try {**

**// 1. Load the Driver**

**Class.forName("com.mysql.cj.jdbc.Driver");**

**// 2. Try to establish the connection to database**

**Connection dbCon = DriverManager.getConnection(URLTOCONNECT, USERNAME, PASSWORD);**

**System.out.println("Successfully connected to the database now ...");**

**System.out.println();**

**System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*Welcome To Ecommerce Application\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");**

**System.out.println();**

**System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*We are Finding Product Details Using Product Id\*\*\*\*\*\*\*\*\*\*");**

**System.out.println();**

**Scanner scan=new Scanner(System.in);**

**System.out.println("Enter ProductId: ");**

**ProductId=scan.nextInt();**

**ConnectWithJDBC theMenu=new ConnectWithJDBC();**

**theMenu.getProductDtailsById(dbCon, ProductId);**

**}catch (ClassNotFoundException|SQLException e) {**

**System.out.println(e.getMessage());**

**}finally {**

**}**

**}**

**}**

**void getProductDtailsById(Connection dbCon,int ProductId) throws SQLException {**

**// Step 3: Write a statement**

**String qry = "select \* from products where ProductId=?";**

**statement = dbCon.prepareStatement(qry);**

**statement.setInt(1, ProductId);**

**resultSet = statement.executeQuery();**

**System.out.println("ProductId ProductName ProductPrice");**

**if (resultSet.next()) {**

**ProductId = resultSet.getInt("ProductId");**

**String ProductName = resultSet.getString("ProductName");**

**int ProductPrice = resultSet.getInt("ProductPrice");**

**// Print and display productId,productName,ProductPrice**

**System.out.println(ProductId + " " + ProductName+ " " + ProductPrice);**

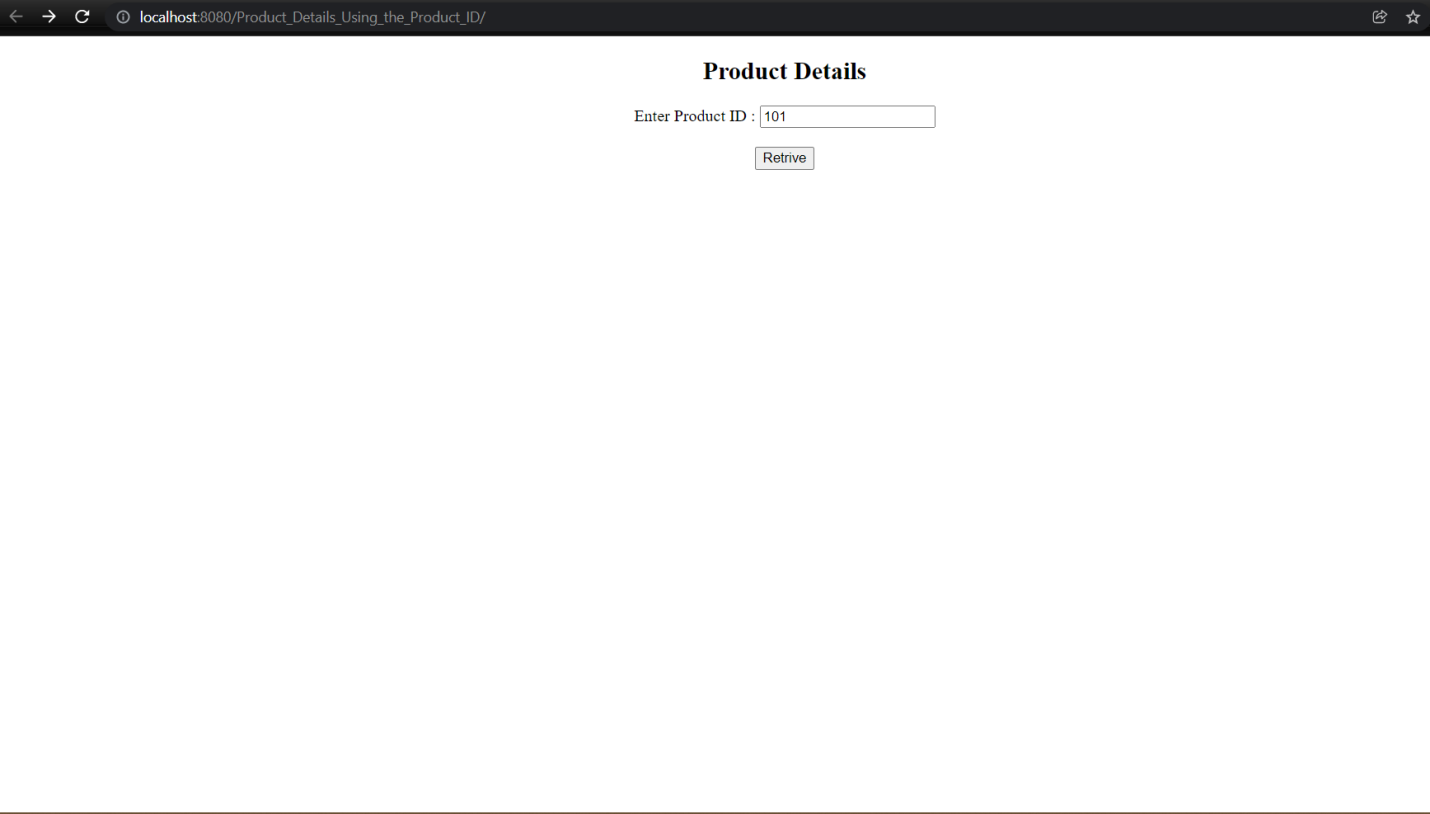
**}**

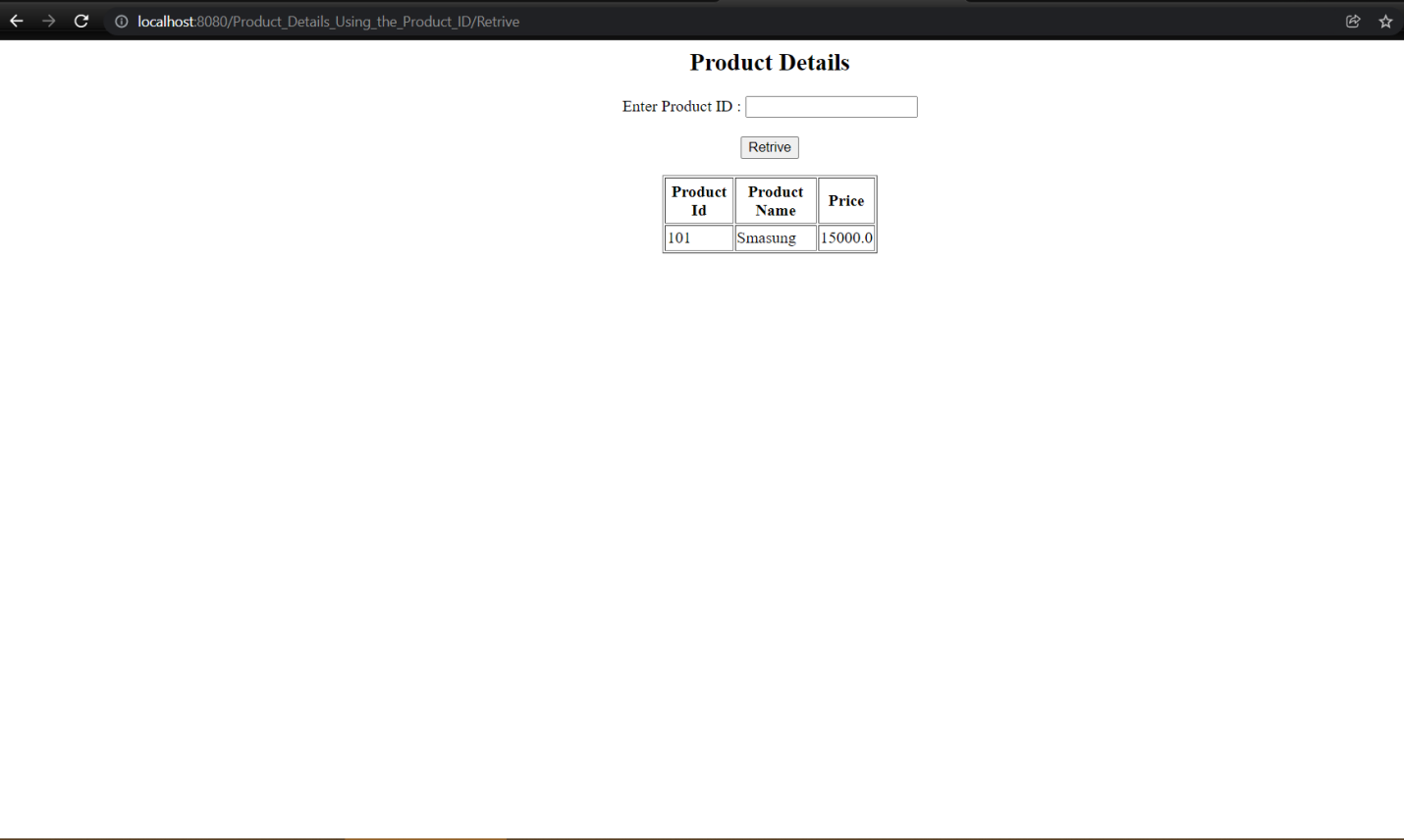
**}**

**}**

**Retrieving the Product Details Using the Product ID**

**Output:**

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