

Name: Nandeesh N

Project:Retrieving the Product Details Using the Product ID

Source Code:

Java Code:

```
package jdbcPrograms;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
public class LessonEndProject {
    public static void main(String[] args) throws ClassNotFoundException, SQLException
    {
        // TODO Auto-generated method stub
        String dbURL = "jdbc:mysql://localhost:3306/project";
        String username = "root";
        String password = "root";
        String query1 = "insert into product value(5,'laptop',10)";
        String query2 = "update product set product_id='001' where
product_name='Books'";
        String query3 = "select * from product where product_id = 5";

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

        Connection con = DriverManager.getConnection(dbURL, username,
password);

        Statement stmt = con.createStatement();
        stmt.executeUpdate(query1);

        stmt.executeUpdate(query2);

        ResultSet rs = stmt.executeQuery(query3);

        while(rs.next()) {

            System.out.print("product_id: " + rs.getString("product_id") + "\t");
            System.out.print("product_name: " +
rs.getString("product_name") + "\t");
            System.out.println("QTY: " + rs.getString("QTY") + "\t");

        }

        con.close();

    }
}
```

```
}
```

Sql Code:

```
create database project;  
use project;  
create table products (  
    products_ID INT NOT NULL,  
    product_name VARCHAR(50) NOT NULL,  
    qty INT NOT NULL);
```

```
INSERT INTO products value(1,"book",10);  
INSERT INTO products value(2,"Bat",50);  
INSERT INTO products value(3,"pen",20);
```