

1.Create product table

```
package wipro;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
import java.sql.Statement;

public class JdbcDemo22 {

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

        Class.forName("oracle.jdbc.OracleDriver");

        Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:9501/XE","system","rps@1
23");

        System.out.println("Connection is success");

        Statement st=con.createStatement();

        String query = ("create table product002(id number(5) primary key,pname
varchar(20),brand varchar(20))");

        st.execute(query);

        System.out.println("Table Created.....");

    }
```

```
}
```

2.Insert new product ,update product for given product ,delete product ,list all products

```
package wipro;

import java.sql.*;

public class JdbcDemo2 {

    private Connection connection;

    public JdbcDemo2(Connection connection) {
        this.connection = connection;
    }

    public static void main(String[] args) throws SQLException, ClassNotFoundException {
        // TODO Auto-generated method stub
        try {
            Class.forName("oracle.jdbc.OracleDriver");

            Connection con =
                DriverManager.getConnection("jdbc:oracle:thin:@localhost:9501/XE","system","rps@123");

            System.out.println("Successful Connection");

            JdbcDemo2 prod = new JdbcDemo2(con);
            prod.addProduct(1, "Iphone", "Apple");
            prod.updateProduct(1, "iphone", "Apple");
            prod.addProduct(2, "15s", "HP");
            prod.addProduct(3, "Mac", "Apple");
            prod.deleteProduct(1);
            prod.listproducts();

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

```

}
}

public void addProduct(int id, String pname,String brand ) throws SQLException{

try(PreparedStatement statement = connection.prepareStatement("Insert into product (id,
pname,brand) Values(?,?,?)"){

statement.setInt(1, id);

statement.setString(2, pname);

statement.setString(3,brand);

statement.executeUpdate();

System.out.println("Product added");

}

}

public void updateProduct(int id, String pname,String brand ) throws SQLException{

try(PreparedStatement statement = connection.prepareStatement("Update product set
pname = ?,brand = ? where id = ?")){

statement.setString(1, pname);

statement.setString(2, brand);

statement.setInt(3,id);

statement.executeUpdate();

System.out.println("Product updated");

}

}

public void deleteProduct(int id) throws SQLException{

    try(PreparedStatement statement = connection.prepareStatement("Delete from product
where id = ?")){

        statement.setInt(1, id);

        statement.executeUpdate();

        System.out.println("Product deleted");

    }

}

}

```

```
public void listproducts()throws SQLException{  
    try(Statement statement = connection.createStatement();  
        ResultSet resultset = statement.executeQuery("Select * from product")){  
        while(resultset.next()) {  
            System.out.println(resultset.getInt("id") + "|" + resultset.getString("pname") + "|" +  
                resultset.getString("brand"));  
        }  
    }  
}
```