JDBC Task 27-05

Create a table, insert new records, delete a existing record and retrive the table.

Solution:

```java
package com.wipro;

import java.sql.*;


public class JdbcPractise {

    public void TableCreate(Statement s) throws
    SQLSyntaxErrorException,SQLException,ClassNotFoundException {

        s.executeUpdate("create table Product(id number primary key,name
        varchar(15),price number)");
        System.out.println("Table Created Successfullly");
        System.out.println();
    }
    public void TableUpdate(Statement s) throws
    SQLSyntaxErrorException,SQLException,ClassNotFoundException{
        s.executeUpdate("insert into Product values(1,'Mobile',20000)");
        s.executeUpdate("insert into Product values(2,'Laptop',50000)");
        s.executeUpdate("insert into Product values(3,'Tab',30000)");
        System.out.println("Inserted Successfullly");
        System.out.println();


    }
    public void TableDelete(Statement s) throws
    SQLSyntaxErrorException,SQLException,ClassNotFoundException{
        s.executeUpdate("delete from Product where price = 30000");
        System.out.println("Record Deleted Successfullly");
        System.out.println();
    }
    public void TableRetrive(Statement s) throws
    SQLSyntaxErrorException,SQLException,ClassNotFoundException{

        ResultSet rs=s.executeQuery("Select * from Product");
        ResultSetMetaData rms =rs.getMetaData();
        for(int i=1; i<=rms.getColumnCount(); i++) {
            System.out.print(rms.getColumnName(i) + " ");
        }
        System.out.println();
        while(rs.next()) {
            System.out.println(rs.getString(1)+"  "+rs.getString(2)+"
            "+rs.getString(3));
        }
    }
```

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

            Class.forName("oracle.jdbc.OracleDriver");
            Connection con=DriverManager.getConnection("jdbc:oracle:thin:
            @localhost:9501/XE","system","rps@123");
            Statement s =con.createStatement();
            JdbcPractise JP = new JdbcPractise();
            JP.TableCreate(s);
            JP.TableUpdate(s);
            JP.TableDelete(s);
            JP.TableRetrive(s);

            con.close();
    }

}
```

OUTPUT: