

Practical No. 5

Aim :- Create, debug and execute program based on connectivity to oracle using JDBC.

Theory :-

- Steps to connect a java application to Database

1. Register the Driver
2. Create a connection
3. Create a sql statement
4. Execute sql statement
5. Closing the connection.

~~Program~~ further we need to write program to establish connectivity. Also we need to create a table in order to execute a sample query.

Program :-

```
1 package com.JdbcDemo;
2 import java.sql.*;
3 public class JdbcDemo {
4     public static void main(String[] args) throws Exception
5     {
6         Class.forName("oracle.jdbc.OracleDriver");
7         Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1522:blackhat","system","blackhat39");
8         Statement st = con.createStatement();
9         ResultSet rs=st.executeQuery(Select * from Student);
10        while(rs.next()) {
11            System.out.println(rs.getInt(1)+"----"+rs.getInt(2)+"----"+rs.getInt(3)+"----"+rs.getInt(4));
12        }
13        con.close();
14    }
15 }
16 }
```

Problems Javadoc Declaration Console

<terminated> JdbcDemo (4) [Java Application] C:\Program Files\Java\jdk1.8.0_221\bin\javaw.exe (May 16, 2020, 2:41)

```
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```