

## WT cla-06

Name :- Vikash kumar

Section :- "B"

Reg.no :- 201FA07078

Web Technologies CLA6

Opened: Saturday, 11 June 2022, 6:00 AM

Due: Wednesday, 15 June 2022, 6:00 AM

Mark as done

Topics Covered: JDBC, Driver Manager, Connection, Statements

No. Hands-on Assignment Topics Covered Status

1

Write a java program that connects to oracle database, queries the inbuilt table "emp" and displays the first two columns (empno using column index and ename using column name ) of all the rows.

JDBC, Driver Manager, Connection, Statements

```
import java.sql.*;
class four{
public static void main(String args[])throws Exception{
Class.forName("oracle.jdbc.driver.OracleDriver");
Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");
//String s="create table empp(id number(10),name
varchar2(50))";
//stmt.executeUpdate(s);
PreparedStatement stmt=con.prepareStatement("insert into
Emp values(?,?)");
/*
```

```
stmt.setInt(1,107);//1 specifies the first parameter in
the query
stmt.setString(2,"ta");
int i=stmt.executeUpdate();
stmt.setInt(1,108);//1 specifies the first parameter in
the query
stmt.setString(2,"vik");
int j=stmt.executeUpdate();
```

```

System.out.println(i+" records inserted");
System.out.println(j+" records inserted");

    */

ResultSet rs=stmt.executeQuery("Select * from empp");
while(rs.next())
{
    System.out.println(rs.getInt(1)+" "+rs.getString(2));
}

con.close();
}}

```

(2)

Modify the above program to display all the rows where sal is greater than 1000 and less than 2000. Display the columns ename, job, sal and comm.

JDBC, Driver Manager, Connection, Statements

```

import java.awt.Desktop;
import java.io.File;
import java.io.InputStream;
import java.net.URL;
import java.sql.*;
class kkkkkkkkkk{

```

```

public static void main(String args[])throws Exception{
    Class.forName("oracle.jdbc.driver.OracleDriver");
    Connection
    con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","1234");
    String p="create table EMP(id integer primary key,empname
    varchar2(20),salary integer,salary varchar(20),company
    varchar2(20))";
    String c="insert into EMP values(1,'ved',7000,'vello')";
    Statement stmt=con.createStatement();
    stmt.executeUpdate(p);
    stmt.executeUpdate(c);
    System.out.println("connected");
    stmt.executeUpdate("insert into EMP
    values(2,'Irfan',50000,'bob')");
    int result=stmt.executeUpdate("update EMP set
    empname='Vjjj',salary=10000 where id=101");
    System.out.println(result+" records affected");

    ResultSet rs=stmt.executeQuery("Select * from EMP");
    while(rs.next())
    {
        System.out.println(rs.getInt(1)+" "+rs.getString(2)+"
        "+rs.getString(3)+" "+rs.getString(4));
    }

    con.close();
}
}

```