**Lab Assessment-11**

Q)

import java.sql.\*;

class question1 {

private static String user ="root";

private static String password = "root";

private static Connection con=null;

private static Statement st=null;

private static ResultSet rs=null;

public static void main(String args[])throws Exception {

try {

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

con=DriverManager.getConnection("jdbc:mysql://localhost", user, password);

System.out.println("Success");

}

catch (Exception e) {

System.out.println(e);

}

try{

st=con.createStatement();

st.addBatch("CREATE DATABASE Faculty;");

st.addBatch("USE Faculty;");

st.addBatch("CREATE TABLE Faculty1(empid VARCHAR(4),facultyname VARCHAR(15),DOB DATE,Date\_of\_Joining DATE,designation VARCHAR(20));");

st.addBatch("INSERT INTO Faculty1 VALUES"+

"('E101','Ravi','1975-02-24','1992-04-27','Associte Professor'),"+

"('E102','Rahul','1975-02-24','1992-04-27','Senior Professor'),"+

"('E103','Raman','1975-02-24','1992-04-27','Assistant Professor'),"+

"('E104','Krishna','1975-02-24','1992-04-27','Senior Professor'),"+

"('E105','Raghav','1975-02-24','1992-04-27','Head of Department');");

st.executeBatch();

rs=st.executeQuery("select \* from Faculty1;");

System.out.println("EmpID\tFaculty Name\tDate Of Birth\tDate of Joining\t Designation");

while(rs.next())

System.out.println(rs.getString("empid")+"\t\t"+rs.getString("facultyname")+"\t\t"+rs.getString("DOB")+"\t\t"+rs.getString("Date\_of\_Joining")+"\t\t"+rs.getString("designation"));

System.out.println("\n\n\n\n");

rs=st.executeQuery(" select \* from Faculty1 where designation='Senior Professor'; ");

System.out.println("EmpID\tFaculty Name\tDate Of Birth\tDate of Joining\t Designation");

while(rs.next())

System.out.println(rs.getString("empid")+"\t\t"+rs.getString("facultyname")+"\t\t"+rs.getString("DOB")+"\t\t"+rs.getString("Date\_of\_Joining")+"\t\t"+rs.getString("designation"));

}

finally {

try {

if (rs != null) rs.close();

if (st != null) st.close();

if (con != null) con.close();

}

catch (SQLException e){

System.out.println(e);

}

}

}

}