**MYSQL :**

package day9;

import java.sql.DriverManager;

import java.sql.Connection;

import java.sql.SQLException;

public class task1 {

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

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

Connection con = DriverManager.*getConnection*("jdbc:mysql://localhost:3309/employee", "root", "dbms");

if (con != null) {

System.***out***.println("connected");

} else {

System.***out***.println("not connected");

}

}

}

connected

Class.*forName*("com.mysql.cj.jdbc.Driver"); 🡪 this is register the driver from jdbc .

\*Create a connection using DriverManager \*

🡪 Connection con = DriverManager.*getConnection*("jdbc:mysql://localhost:3309/employee", "root", "dbms");

package day9;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import java.util.\*;

public class task2 {

public static void main(String args[])

{

int n,i;

Scanner s = new Scanner(System.***in***);

Connection con;

Statement st;

ResultSet rs;

int id = 0,age;

String name,designation;

float salary;

try {

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

catch(Exception e)

{

System.***out***.println(e);

}

//DriverManager

do{

System.***out***.println("1.create\n2.Add\n3.modify\n4.Display\n5.Delete\n6.Exit\n");

System.***out***.println("enter your option:\n");

n = s.nextInt();

switch(n)

{

case 1:

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

try {

con = DriverManager.*getConnection*("jdbc:mysql://localhost:3309/employee","root","dbms");

st = con.createStatement();

st.executeUpdate("create table fresher(id int, name varchar(25), age int, salary float(25), designation varchar(25))");

System.***out***.println("table created.");

st.close();

con.close();

}

catch(Exception e)

{

System.***out***.println("error-->creation : "+e);

}

break;

case 2:

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

System.***out***.println("enter Id :");

id = s.nextInt();

System.***out***.println("enter Name :");

//s.next();

name=s.next();

System.***out***.println("enter Age :");

age = s.nextInt();

System.***out***.println("enter Salary :");

salary = s.nextFloat();

System.***out***.println("enter Designation :");

designation = s.next();

try {

con = DriverManager.*getConnection*("jdbc:mysql://localhost:3309/employee","root","dbms");

st=con.createStatement();

i=st.executeUpdate("insert into fresher values(" + id + " , '" + name + "'," + age + "," + salary + ",'" + designation + "')");

System.***out***.println("\*\*\*\*\*\*query updated\*\*\*\*\*\*");

st.close();

con.close();

}

catch(Exception e)

{

System.***out***.println("error-->add : " +e);

}

break;

case 3:

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

System.***out***.println("enter Id :");

id = s.nextInt();

System.***out***.println("enter Age :");

age = s.nextInt();

System.***out***.println("enter Salary :");

salary = s.nextFloat();

try {

con = DriverManager.*getConnection*("jdbc:mysql://localhost:3309/employee","root","dbms");

st=con.createStatement();

i=st.executeUpdate("update fresher set age = '" + age + "' , salary = '"+salary+"' where id='"+id+"'");

if(i==1)

{

System.***out***.println("\*\*\*\*\*record modified\*\*\*\*");

}

st.close();

con.close();

}

catch(Exception e)

{

System.***out***.println("error-->modify : "+e);

}

break;

case 4:

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

try {

con = DriverManager.*getConnection*("jdbc:mysql://localhost:3309/employee","root","dbms");

st=con.createStatement();

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

int j=1;

while(rs.next())

{

System.***out***.println("\*\*record\*\*"+"-->"+ j);

System.***out***.println("Emp\_Number"+"-->"+ rs.getInt(1));

System.***out***.println("Emp\_Name"+"-->"+ rs.getString(2));

System.***out***.println("Emp\_Age"+"-->"+ rs.getInt(3));

j++;

}

}

catch(Exception e)

{

System.***out***.println("error-->disply : "+e);

}

break;

case 5:

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

System.***out***.println("enter Id :");

id = s.nextInt();

try {

con = DriverManager.*getConnection*("jdbc:mysql://localhost:3309/employee","root","dbms");

st= con.createStatement();

i=st.executeUpdate("delete from fresher where id = '"+id+"' ");

}

catch(Exception e)

{

System.***out***.println("error-->delete : "+e);

}

break;

case 6:

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

try {

con = DriverManager.*getConnection*("jdbc:mysql://localhost:3309/employee","root","dbms");

st=con.createStatement();

}

catch(Exception e)

{

System.***out***.println("error-->exit : "+e);

}

break;

default:

System.***out***.println("invalid choice");

}

}while(n!=6);

}

}

OUTPUT :

Display :

\*\*record\*\*-->1

Emp\_Number-->1

Emp\_Name-->hari

Emp\_Age-->13

\*\*record\*\*-->2

Emp\_Number-->222

Emp\_Name-->kumar

Emp\_Age-->30

\*\*record\*\*-->3

Emp\_Number-->444

Emp\_Name-->haresh

Emp\_Age-->50

