**Me.java(java code)**

**import java.sql.\*;**

import java.io.DataInputStream;

class Me

{

public static void main(String args[])

{

int ch=0,eno,salary;

String sql,name,cname,addr;

boolean result;

DataInputStream in=new DataInputStream(System.in);

try

{

**Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");**

System.out.println("Driver loaded");

**String url="jdbc:odbc:dhiraj1";**

**Connection con=DriverManager.getConnection(url);**

System.out.println("Connection to database created");

**Statement state=con.createStatement();**

while (ch!=8)

{

System.out.println("MENU : \n1.Create\n2.Insert\n3.Modify\n4.Display\n5.Drop\n6.Delete\n7.Search\n8.Exit\n: ");

ch=Integer.parseInt(in.readLine());

switch(ch)

{

case 1:

sql="drop table employee";

**result=state.execute(sql);**

sql="create table employee(eno integer,name text,cname text,salary integer,addr text)";

result=state.execute(sql);

if(result==true)

System.out.println("Table not created");

else

System.out.println("Table created");

break;

case 2:

System.out.println("\n ENTER REQUIRED INFORMATION :\n");

System.out.println("EMPLOYEE NUMBER : ");

eno=Integer.parseInt(in.readLine());

System.out.println("NAME : ");

name=in.readLine();

System.out.println("COMPANY NAME : ");

cname=in.readLine();

System.out.println("SALARY :");

salary=Integer.parseInt(in.readLine());

System.out.println("ADDRESS :");

addr=in.readLine();

sql="insert into employee values("+ eno +",'"+ name +"','"+ cname +"',"+ salary +",'"+ addr +"')";

result=state.execute(sql);

if(result==true)

System.out.println("Record not inserted");

else

System.out.println("1 record inserted");

break;

case 3:

System.out.println("\n UPDATE EMPLOYEE COMPANY AND SALARY :\n");

System.out.println("EMPLOYEE NUMBER : ");

eno=Integer.parseInt(in.readLine());

System.out.println("NEW COMPANY NAME : ");

cname=in.readLine();

System.out.println("NEW SALARY : ");

salary=Integer.parseInt(in.readLine());

sql="update employee set cname='"+cname +"' where eno="+eno;

result=state.execute(sql);

sql="update employee set salary='"+salary +"' where eno="+eno;

result=state.execute(sql);

if(result==true)

System.out.println("Record not updated");

else

System.out.println("Record updated");

break;

case 4:

sql="select \* from employee";

**ResultSet results=state.executeQuery(sql);**

String text="";

System.out.println("EMP NO\tNAME\tCOMPANY\tSALARY\tADDRESSn");

**while(results.next())**

**{**

**text+=results.getString(1)+"\t"+results.getString(2)+"\t"+results.getString(3)+"\t"+results.getString(4)+"\t"+results.getString(5)+"\n";**

**}**

System.out.println(text);

break;

case 5:

sql="drop table employee";

result=state.execute(sql);

if(result==true)

System.out.println("Table not droped");

else

System.out.println("Table droped");

break;

case 6:

System.out.println("EMPLOYEE NUMBER : ");

eno=Integer.parseInt(in.readLine());

sql="delete from employee where eno="+ eno;

result=state.execute(sql);

if(result==true)

System.out.println("Record not deleted");

else

System.out.println("Record deleted");

break;

case 7:

System.out.println("EMPLOYEE NUMBER : ");

eno=Integer.parseInt(in.readLine());

sql="select \* from employee where eno=" + eno;

ResultSet results1=state.executeQuery(sql);

String text1="";

System.out.println("EMP NO\tNAME\tCOMPANY\tSALARY\tADDRESSn");

while(results1.next())

{

text1+=results1.getString(1)+"\t"+results1.getString(2)+"\t"+results1.getString(3)+"\t"+results1.getString(4)+"\t"+results1.getString(5)+"\n";

}

System.out.println(text1);

break;

}

}

}

catch(SQLException e)

{

System.out.println("SQL Error");

}

catch(Exception e)

{

System.out.println("Error");

}

}

}

**OUTPUT**

E:\Dhiraj Assignment\SL\JDBC\ME>javac Me.java

Note: Me.java uses or overrides a deprecated API.

Note: Recompile with -Xlint:deprecation for details

E:\Dhiraj Assignment\SL\JDBC\ME>java Me

Driver loaded

Connection to database created

MENU :

1.Create

2.Insert

3.Modify

4.Display

5.Drop

6.Delete

7.Exit

:

1

Table created

MENU :

1.Create

2.Insert

3.Modify

4.Display

5.Drop

6.Delete

7.Exit

:

2

ENTER REQUIRED INFORMATION :

EMPLOYEE NUMBER :

1

NAME :

Dhiraj

COMPANY NAME :

IBM

SALARY :

56000

ADDRESS :

Pune

1 record inserted

MENU :

1.Create

2.Insert

3.Modify

4.Display

5.Drop

6.Delete

7.Exit

:

2

ENTER REQUIRED INFORMATION :

EMPLOYEE NUMBER :

2

NAME :

Rahul

COMPANY NAME :

Google

SALARY :

45000

ADDRESS :

Swargate

1 record inserted

MENU :

1.Create

2.Insert

3.Modify

4.Display

5.Drop

6.Delete

7.Exit

:

4

EMP NO NAME COMPANY SALARY ADDRESSn

1 Dhiraj IBM 56000 Pune

2 Rahul Google 45000 Swargate

MENU :

1.Create

2.Insert

3.Modify

4.Display

5.Drop

6.Delete

7.Exit

:

3

UPDATE EMPLOYEE COMPANY AND SALARY :

EMPLOYEE NUMBER :

2

NEW COMPANY NAME :

Calsoft

NEW SALARY :

78000

Record updated

MENU :

1.Create

2.Insert

3.Modify

4.Display

5.Drop

6.Delete

7.Exit

:

4

EMP NO NAME COMPANY SALARY ADDRESSn

1 Dhiraj IBM 56000 Pune

2 Rahul Calsoft 78000 Swargate

MENU :

1.Create

2.Insert

3.Modify

4.Display

5.Drop

6.Delete

7.Exit

:

6

EMPLOYEE NUMBER :

2

Record deleted

MENU :

1.Create

2.Insert

3.Modify

4.Display

5.Drop

6.Delete

7.Exit

:

4

EMP NO NAME COMPANY SALARY ADDRESSn

1 Dhiraj IBM 56000 Pune

MENU :

1.Create

2.Insert

3.Modify

4.Display

5.Drop

6.Delete

7.Exit

:

5

Table droped

MENU :

1.Create

2.Insert

3.Modify

4.Display

5.Drop

6.Delete

7.Exit

:

7

E:\Dhiraj Assignment\SL\JDBC\ME>