Dt : 28/9/2024(Day-3)

**imp*

Making ComputerSystem ready to development JDBC Application:

step-1 : Download and Install Database Product(Oracle)

step-2 : Perform Login Process to Database

step-3 : Create table with name Customer67

(phno,cname,ccity,mid)

primary key : phno

```
create table Customer67(phno number(15),cname varchar2(15),
ccity varchar2(15),mid varchar2(25),primary key(phno));
```

step-4 : Insert min 5 Customer details using SQLCommandLine

```
insert into Customer67 values(9898981234,'Alex','Hyd','a@gmail.com');

insert into Customer67 values(7878781234,'Ram','Hyd','rm@gmail.com');
insert into Customer67 values(6565651234,'Raj','Hyd','rj@gmail.com');
```

step-5 : Copy DB-Jar file into User defined folder on DeskTop or

any drive

Note:

=>DB Jar file is available from "lib" folder of "jdbc"

C:\oraclexe\app\oracle\product\11.2.0\server\jdbc\lib

ojdbc6.jar - Oracle11

step-6 : Find the PortNo and ServiceName of Oarcle Product

Note:

=>PortNo and ServiceName is available from "tnsnames.ora" file of "ADMIN" folder of "network"

C:\oraclexe\app\oracle\product\11.2.0\server\network\ADMIN

PortNo : 1521

ServiceName : XE

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**imp*

JDBC API:

=>"java.sql" package is known as JDBC-API and which provide 'Classes and Interfaces' to construct JDBC Applications.

=>'java.sql.Connection' interface is known as root of JDBC-API

=>The following are some important methods of 'Connection' interface:

1.createStatement()

2.prepareStatement()

3.prepareCall()

4.getAutoCommit()

5.setAutoCommit()

6.setSavepoint()

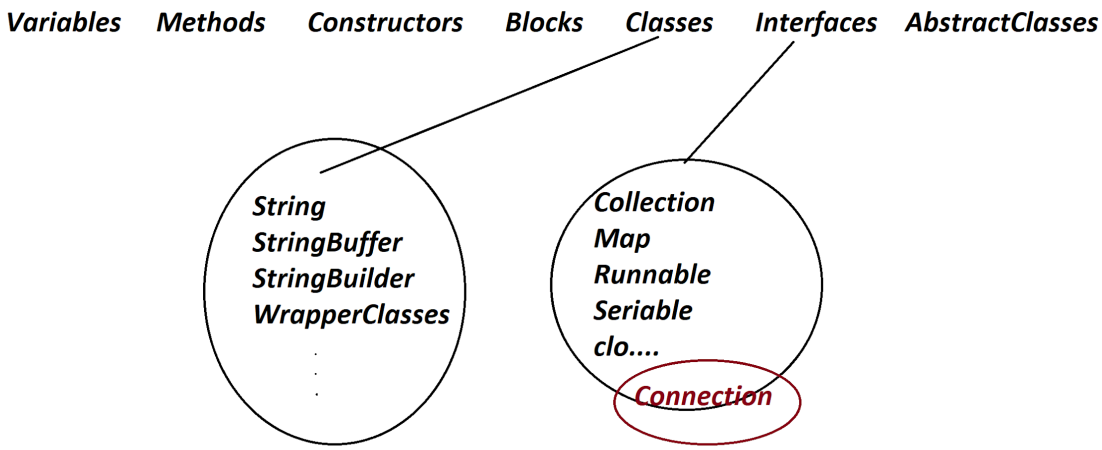
7.releaseSavepoint()

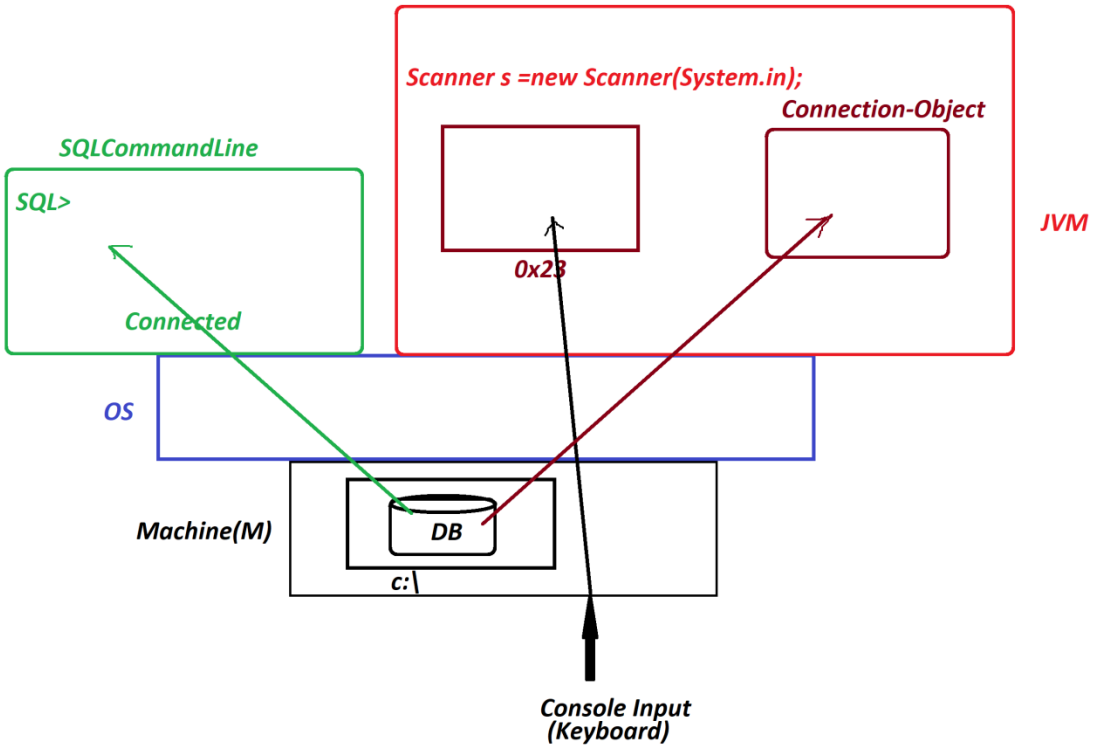
8.commit()

9.rollback()

10.close()

==========




Scanner s =new Scanner(System.in);
Connection-Object
SQLCommandLine
SQL>
JVM
0x23
Connected
OS
Machine(M)
DB
c:\
Console Input
(Keyboard)