Starting with racle

1. Installation
2. User Creation
3. Granting privileges to a user
4. Creating simple table
5. Inserting data into the table
6. View Table descriptions
7. View table data

1. Installation:
   It is very simple. Just collect the installation file of Oracle 10g/ 11g Express edition and start installation. You can find it from www.oracle.com. (create a free account). During installation you are asked to give an administrator password. Next time when you are going to logging in to the DBMS, it will ask you for a user id and password. Provide user ID: system and password: [that you set at installation]. Here system is the default administrator account.

2. User Creation and Granting privileges:
   Now its time to create more user for the system. Every user has its own privileges. It is very simple to create a user and provide all privileges to the user. Just follow the steps:

   a. Logged in as system administrator using command

   SQL> connect system

   Enter password:

   Connected.

   SQL>

   b. Now create a new user using command

   SQL> create user r1207001 identified by p1207001;

    User created.

   SQL>

   Here r1207001 is the user ID and p1207001 is the password for the user.

   c. Now grant all privileges to r1207001 using command
      SQL> grant all privileges to r1207001;

Grant succeeded.

SQL> alter user username identified by new pw replace old pw

d. Now disconnect from system using command
SQL> disconnect

e. Now login using your created user ID and password. If will connect if everything is all right.
f. connect r1207001;
g. password p1207001

3. Creating simple table:
Now we will create a simple table in the database. The commands are given below:

create table test(

id number(3),

name varchar(20),

mark number(3,2)

);

This will create a table called test.

4. View Table descriptions:
Now we can see the table description using command

SQL> describe test

Here test is the table name. The command shows the details of the table structure.

5. Inserting data into the table:
To insert a row/ record into the table we use the following command

SQL> insert into test (id, name, mark) values (*1*,'r1207001',8.32);

1 row created.

Now a record has been created in the table test.

6. View table data:
To see the inserted data we use the following command:

SQL> select * from test;

It will display the table test with all inserted data.

That's all for today. Hope everyone will enjoy this inaugural lab session.