

## SQL Lab 1:

### Sample Data file: ocp\_database.sql

Before starting the LAB create your name folder on c:\ and copy ocp\_database.sql file from c:\student folder or from the floppy to your folder.

- For comment use -- single line comment
  - Use prompt message if required or use pause to pause for a key stroke
- 

#### 1. Login as following users

```
C>sqlplus "/ as sysdba"
or
C>sqlplus /nolog
SQL> conn / a sysdba
or
USERNAME: / as sysdba
or
scott/tiger
system/manager
```

#### 2. Check the user name

```
show user
```

#### 3. Check the objects in user's schema

```
select * from tab;
```

Create file in your folder as class1.sql. This is a notepad file. You need to execute the file after adding sql syntax to this file.

#### 1. Create table test

```
drop table test; -- ( TO drop an object)
create table test(no number(2),name varchar2(10));
```

#### 2. Insert data in test

```
insert into test values (10,'Geeta');
insert into test values(20,'Mona');
```

#### 3. See the data

```
select * from test;
```

#### 4. Add column hiredate

```
alter table test add(hiredate date);
```

#### 5. Update column hiredate

```
update test set hiredate='10-JAN-99';
```

#### 6. Delete data from test

```
delete from test;
select * from test;
```

#### 7. Rollback

```
rollback;
```

select \* from test; ( What happened?)

**8. Insert one more row to test**

insert into test values(55,'newdata');

Hint: desc test (check number of columns. You need to supply value for all columns)

**9. Commit changes**

commit;

select \* from test;

delete from test;

commit;

rollback;

select \* from test; (Oops!! Please insert data again.)

**10. Truncate the table test**

truncate table test;

select \* from test;

rollback; ( You didn't commit still you won't get the data back. Oh! Again you need to insert the data in test table.)

**11. See the data related to Geeta. Select statement with where clause.**

3. select \* from test where name='Geeta';