**Show all tablespace:**

SELECT TABLESPACE\_NAME, STATUS, CONTENTS

FROM USER\_TABLESPACES;

SELECT \*

FROM ALL\_USERS;

**Create tablespace:**

CREATE TABLESPACE fahim

DATAFILE 'fahim.dat'

SIZE 10M

REUSE

AUTOEXTEND ON NEXT 10M MAXSIZE 200M;

**Create user:**

CREATE USER olein

IDENTIFIED BY olein

DEFAULT TABLESPACE fahim

QUOTA 10M on fahim;

For system user:

GRANT ALL PRIVILEGES TO olein;

**Assign privilege: (From system user)**

grant create tablespace to olein;

GRANT create session TO olein;

GRANT create table TO olein;

GRANT create view TO olein;

GRANT create any trigger TO olein;

GRANT create any procedure TO olein;

GRANT create sequence TO olein;

GRANT create synonym TO olein;

Show list of privilege:

select \* from USER\_SYS\_PRIVS where USERNAME = 'olein';

**Create table:**

CREATE TABLE fahim.persons(

    person\_id NUMBER,

    first\_name VARCHAR2(50) NOT NULL,

    last\_name VARCHAR2(50) NOT NULL,

    PRIMARY KEY(person\_id)

);

**Create sequence:**

CREATE SEQUENCE person\_id\_seq

MINVALUE 1

MAXVALUE 999999999999999999999999999

START WITH 1

INCREMENT BY 1

CACHE 20

**Create trigger:**

CREATE TRIGGER fahim.person\_id\_trg

BEFORE INSERT ON fahim.persons

FOR EACH ROW

BEGIN

SELECT person\_id\_seq.nextval

INTO :new.person\_id

FROM dual;

END;

/

**Insert value in table:**

Insert into fahim.person values (person\_id\_seq.nextval,’Fahim’, ‘Fahad’);

**Show list of tables:**

SELECT table\_name FROM user\_tables;