

## Assignment-11

### User creation with privilege options:

**1. Write a SQL statement to create a new local user named 'Test1\_<roll\_no>,' e.g Test1\_007 with the password 'mckvie2024' and with password expired option.**

```
CREATE USER Test1_100 IDENTIFIED BY mckvie2024 PASSWORD EXPIRE;  
But for Oracle express edition  
CREATE USER CR#Test1_100 IDENTIFIED BY mckvie2024 PASSWORD EXPIRE;  
OR  
CREATE USER C##Test1_100 IDENTIFIED BY mckvie2024 PASSWORD EXPIRE;
```

**2. Find a list of users (username, default\_tablespace, profile, authentication\_type) with the OPEN status; you query the information from the dba\_users.**

```
SELECT  
  
username,  
  
default_tablespace,  
  
profile,  
  
authentication_type  
  
FROM  
  
dba_users  
  
WHERE  
  
account_status = 'OPEN';
```

**3. Try to login to the newly created user using a new window and observe the outcome and comment on it.**

Enter user-name: Test1\_100

Password: mckvie2024

Oracle issued the following error:

ERROR: ORA-01045:

user Test1\_100 lacks CREATE SESSION privilege;

logon denied

**4. Write a SQL statement to enable with the login system privilege to the user 'Test1\_<roll\_no>'.**

```
GRANT CREATE SESSION TO Test1_100;
```

```
CONNECT Test1_100
```

```
PASSWORD: mckvie2024
```

ERROR:

ORA-28001: the password has expired

Oracle requested to change the password for Test1\_100, we must provide the new password and confirm it before we

can log in:

Changing password for Test1\_100

New password:<new\_password>;

Retype new password:<new\_password>

Password changed

Connected.

SQL>

**5. Write a SQL statement to grant the CREATE TABLE system privilege to the user 'Test1\_<roll\_no>'.**

```
GRANT CREATE TABLE TO Test1_100;
```

**6. Write a SQL statement to statement to show the privileges of the current user.**

```
SELECT * FROM session_privs;
```

**7. Create a new table named t2 (ID NUMBER (4)) and allow 'Test1\_<roll\_no>' to insert and update data in it.**

```
CREATE TABLE t2(ID NUMBER (4));
```

```
INSERT INTO t2(ID) VALUES(1111);
```

Oracle issued the following error:

ORA-01950: no privileges on tablespace '&#39;USERS&#39;;

This is because the user john has a quota of zero on the USERS tablespace.

```
ALTER USER Test1_100 QUOTA UNLIMITED ON USERS;
```

Now, the user Test1\_100 should be able to insert a row into the t2 table:

```
INSERT INTO t2(ID) VALUES(1111);
```

**8. Write a SQL statement to revoke the object privileges from 'Test1\_<roll\_no>'.**

```
REVOKE ALL PRIVILEGES FROM Test1_100;
```