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**Practical 12: Managing Users**

**Objective:**  Creating Database /Table Space

 Managing Users: Create User, Delete User

Managing roles: -Grant, Revoke.

1. **Managing Users**

**CREATE/ALTER/DROP USER**

**CREATE USER username**

**[IDENTIFIED [BY password | EXTERNALLY]]**

**[DEFAULT TABLESPACE tablespace**

**[TEMPORARY TABLESPACE tablespace]**

**[QUOTA [INTEGER [K | M] | UNLIMITED] ON tablespace]**

**[QUOTA [INTEGER [K | M] | UNLIMITED] ON tablespace]**

**...**

**[PROFILE profilename]**

Creates a new database user and assigns security and storage properties.

**ALTER USER username**

**[IDENTIFIED [BY password | EXTERNALLY]]**

**[DEFAULT TABLESPACE tablespace]**

**[TEMPORARY TABLESPACE tablespace]**

**[QUOTA [INTEGER [K | M] | UNLIMITED] ON tablespace]**

**[QUOTA [INTEGER [K | M] | UNLIMITED] ON tablespace]**

**...**

**[PROFILE profilename]**

**[DEFAULT ROLE**

**{rolename[,rolename ...] |**

**ALL [EXCEPT rolename[,rolename ...]] |**

**NONE**

**}]**

Changes the security and storage characteristics of a user.

**DROP USER username [CASCADE]**

Removes a user from the database, and optionally removes objects created by that user.

Keywords

**IDENTIFIED BY**

Specifies the password used for this user account, or if EXTERNALLY is specified, that authentication of this user will be handled by the operating system.

You can use the ALTER USER command to change your own password, regardless of whether or not you have the ALTER USER system privilege.

**DEFAULT TABLESPACE**

Specifies the name of the tablespace used by default when this user creates a database object.

**TEMPORARY TABLESPACE**

Specifies the name of the tablespace used for the creation of temporary segments .…

1. **Managing Roles**

**1. Grant :**

SQL Grant command is specifically used to provide privileges to database objects for a user. This command also allows users to grant permissions to other users too.

**Syntax:**

grant privilege\_name on object\_name

to {user\_name | public | role\_name}

**Example:**

grant insert,

select on accounts to Ram

**2. Revoke :**

Revoke command withdraw user privileges on database objects if any granted. It does operations opposite to the Grant command. When a privilege is revoked from a particular user U, then the privileges granted to all other users by user U will be revoked.

**Syntax:**

revoke privilege\_name on object\_name

from {user\_name | public | role\_name}

**Example:**

revoke insert,

select on accounts from Ram