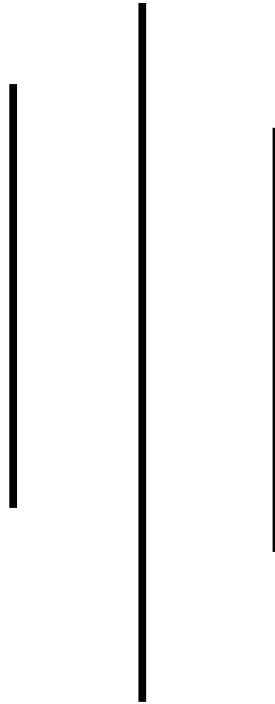


Deerwalk Institute Of Technology

Database Administration



Lab: 5

Submitted By:

Name: Sagar Giri

Roll No. 205

Submitted To:

Narayan Chalise

Date:

Profile Management in ORACLE

<DESCRIPTION>

Steps to assign a role to a user in oracle:

1. Create a profile using following statement:

CREATE PROFILE <profile_name> LIMIT CONSTRAINTS <number>;

```
SQL> CREATE PROFILE login_attempt LIMIT failed_login_attempts 4;
Profile created.
```

2. Create a user with a profile associate with it using following statement:

CREATE USER <user_name> PROFILE <profile_name> IDENTIFIED BY <password>

```
SQL> CREATE USER test PROFILE login_attempt IDENTIFIED BY test;
User created.
```

3. Try to connect to the newly created user with wrong password for 4 times:

```
SQL> connect test;
Enter password:
ERROR:
ORA-01017: invalid username/password; logon denied

Warning: You are no longer connected to ORACLE.
SQL> connect test;
Enter password:
ERROR:
ORA-01017: invalid username/password; logon denied

SQL> connect test;
Enter password:
ERROR:
ORA-01017: invalid username/password; logon denied

SQL> connect test;
Enter password:
ERROR:
ORA-01017: invalid username/password; logon denied

SQL> connect test;
Enter password:
ERROR:
ORA-28000: the account is locked
```

After 4 attempts (the limit we've set) the account of the user with new profile associated with it will be blocked.

To unlock the account, we fire another statement, which unlocks the user's account. The statement is:

`ALTER USER <user_name> ACCOUNT UNLOCK;`

```
SQL> ALTER USER test ACCOUNT UNLOCK;  
User altered.
```