**Implement Oracle Profile, Password Policy and Roles**

**TASK:**

Our mission is to develop a single SQL script that will perform all the following tasks:

1. Create three (3) users (schema) as follows:

User Password Other Parameters

DBSEC\_ADMIN tec5363admin Tablespace: USERS

Temporary tablespace: TEMP

DBSEC\_CLERK tec5363clerk Same as above

DBSEC\_DEV tec5363$dev Same as above

2. Create three profiles as specified in the following table:

Profile Resources Password

DBSEC\_ADMIN\_PROF SESSIONS\_PER\_USER=5 PASSWORD\_LIFE\_TIME= 1 month

CONNECT\_TIME=8 hours PASSWORD\_GRACE\_TIME=7 days

IDLE\_TIME=1 hour

DBSEC\_DEV\_PROF CONNECT\_TIME=2 hours PASSWORD\_LIFE\_TIME= 1 month

IDLE\_TIME=2 hours PASSWORD\_GRACE\_TIME=14 days

CPU\_PER\_CALL=1 minute

DBSEC\_CLERK\_PROF SESSIONS\_PER\_USER=1 FAILED\_LOGIN\_ATTEMPTS=3

CPU\_PER\_CALL=5 seconds PASSWORD\_LIFE\_TIME= 1 month

CONNECT\_TIME=8 hours PASSWORD\_LOCK\_TIME=3 days

IDLE\_TIME=30 minutes PASSWORD\_GRACE\_TIME=14 days

LOGICAL\_READS\_PER\_C ALL=

10 0 Database Blocks

3. Create roles with the following privileges:

Role Name Privileges

DBSEC\_ADMIN\_ROLE SELECT and ALTER on all DBSEC tables DBSEC\_CLERK\_ROLE SELECT, INSERT, and UPDATE on all DBSEC tables DBSEC\_SUPERVISOR\_ROLE SELECT, INSERT, UPDATE and DELETE on all DBSEC tables DBSEC\_QUERY\_ROLE SELECT only on CUSTOMER table owned by DBSEC

4. Assign roles and profile to the users as in the following table:

User Name Role Profile

DBSEC\_ADMIN DBSEC\_ADMIN\_ROLE DBSEC\_ADMIN\_PROF

DBSEC\_CLERK DBSEC\_CLERK\_ROLE DBSEC\_CLERK\_PROF

DBSEC\_DEV DBSEC\_ADMIN\_ROLE plus DBSEC\_DEV\_PROF

DBSEC\_SUPERVISOR\_ROLE

5. Connect as DBSEC\_CLERK/tec5363clerk.

6. Perform a simple query on PRODUCT table owned by DBSEC.