Problem:

Khan wants to create 4 tables in his schema. He also likes to insert the rows in all four table. He is aware that if he executes the command, he will immediately see the output on the screen. However, he wants to save that into a file for future reference.

Details about database:

| | | Comments: |
|--------------------------|-----------|--|
| Database Server Hostname | Linux-223 | |
| Host Username: | Moid_M35 | Be sure to replace this name with your Unix Login. |
| Database Name | Batch35 | Be sure to replace Batch35 with your Database name |
| Schema Name | Moid_M35 | Be sure to replace this name with your Unix Login. |

Solution:

1. Login to DB Server

Login to Database Server as Moid_M35 su - oracle

2. Make directory for spool files and then change directory to the new directory you just created.

mkdir -p /home/oracle/SpooledFiles/Moid_M35 cd /home/oracle/SpooledFiles/Moid_M35

3. set ORACLE_SID to database you want to connect.

. oraenv → Batch35 or export ORACLE_SID=Batch35

4. Login to SQL

sqlplus Moid_M35/abc123

5. Start spool

spool /home/oracle/SpooledFiles/Moid_M35/Moid_M35_spool_file.log

6. Run the SQL that you want to capture now.

Select * from CARS; Select * from COURSE; Select * from CRSSECTION; Select * from DEPARTMENT; Select * from DEPENDENT; Select * from DEPT; Select * from EMPLEVEL; Select * from EMPLOYEE;

Select * from FACULTY;

Select * from LOCATION;
Select * from MAJOR;
Select * from POSITION;
Select * from QUALIFICATION;
Select * from REGISTRATION;
Select * from ROOM;
Select * from STUDENT;
Select * from TERM;

7. Turn off the spool and exit out of SQL

SQL> spool off

8. Verify spool file is created.

| ! | to exit out of SQL TEMPORARILY |
|---|--|
| Is -ltr /home/oracle/SpooledFiles/Moid_M35/ | This is to verify file is created by spool feature. |
| cat /home/oracle/SpooledFiles/Moid_M35/Moid_M35_spool_file.log or vi /home/oracle/SpooledFiles/Moid_M35/Moid_M35_spool_file.log | View the file or Use vi to edit the file as per your need. |
| exit | exit out of OS back to SQL Plus |

9. Transfer the file to Laptop (from UNIX to Windows) using WinSCP.

- 1. Start WinSCP from windows.
- 2. Connect to Server-223 using ss...... as "oracle" user. ****DO NOT USER YOUR LOCAL OS USER.****
- 3. From the right side of the window, use the drop down to go to the / directory. From there browse to /home/oracle/SpooledFiles/Moid M35/ and drag the spooled file to left side (windows side).

--Moid Muhammad