**SQL COMMANDS**

1. **SHOW USER:**

It is use to display the current user name.

1. **CLEAR SCREEN (or) CL SCR:**

It is used to clear the screen.

1. **SELECT \* FROM TAB;**

It is use to display the table which are present in that account.

EX:

TNAME TABTYPE CLUSTERID

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DEPT TABLE

EMP TABLE

BONUS TABLE

SALGRADE TABLE

1. **DESCRIBE DEPT (or) desc dept:**

It is used to display the table structure

Name Null? Type

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DEPTNO NOT NULL NUMBER(2)

DNAME VARCHAR2(14)

LOC VARCHAR2(13)

1. **EXIT:**

It is used to exit.

1. **Select \* from (table name) dept;**

It is used to retrieve all the records from that table.

1. **Show linesize:**

It is used to show line size.

1. **Show pagesize:**

It is used to show the page size.

1. **Set linesize120 pagesize 120** (or) **set lines 120 pages 120**

It is used to set the line size and page size.

1. **Conn:**

It is used to switch from one account to another account.

SQL> conn

Enter user-name: hr

Enter password: \*\*\*\*\*

Connected.

SQL> show user

USER is "HR"

SQL> select \* from tab;

TNAME TABTYPE CLUSTERID

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REGIONS TABLE

COUNTRIES TABLE

LOCATIONS TABLE

DEPARTMENTS TABLE

JOBS TABLE

EMPLOYEES TABLE

JOB\_HISTORY TABLE

EMP\_DETAILS\_VIEW VIEW

8 rows selected.

1. **EDIT:**

Edit command is used to modify the previously executed query.

SQL> select ename,job,hiredate from emp;

Ans:

It will open one notepad file and data will be store like this 🡪

select ename from emp

/

1. **List:**

List command is used to display previously (only last executed) executed query.

SQL> select dname from dept;

SQL> list

1\* select dname from dept

1. **Save:**

Save command is used to save the previously (only last executed) executed query.

SQL> select dname from dept;

SQL> save "E:\mahe.doc"

Created file E:\mahe.doc

1. **Replace:**

Replace command is used to override the existing document.

SQL> select job from emp;

SQL> save "E:\mahe.doc"

SP2-0540: File "E:\mahe.doc" already exists.

Use "SAVE filename[.ext] REPLACE".

SQL> save "E:\mahe.doc" replace;

Wrote file E:\mahe.doc

1. **Append:**

Append is used to save multiple command in same file.

SQL> selct job from emp;

SQL> select loc from dept;

SQL> save "E:\mahe.doc" append;

Appended file to E:\mahe.doc

1. **(@):**

It is used to execute all the queries present in a single file.

SQL> @ "E:\mahe.doc";

JOB

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CLERK

SALESMAN

SALESMAN

MANAGER

SALESMAN

MANAGER

MANAGER

ANALYST

PRESIDENT

SALESMAN

CLERK

CLERK

ANALYST

CLERK

14 rows selected.

JOB

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CLERK

SALESMAN

SALESMAN

MANAGER

SALESMAN

MANAGER

MANAGER

ANALYST

PRESIDENT

SALESMAN

CLERK

CLERK

ANALYST

CLERK

14 rows selected.

1. **Spool:**

Spool command is used to save statement along with their output.

SQL> select \* from emp;

SQL> spool "E:\mahe1.doc";

SQL> select \* from emp;

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

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7369 SMITH CLERK 7902 17-DEC-80 800 20

7499 ALLEN SALESMAN 7698 20-FEB-81 1600 300 30

7521 WARD SALESMAN 7698 22-FEB-81 1250 500 30

7566 JONES MANAGER 7839 02-APR-81 2975 20

7654 MARTIN SALESMAN 7698 28-SEP-81 1250 1400 30

7698 BLAKE MANAGER 7839 01-MAY-81 2850 30

7782 CLARK MANAGER 7839 09-JUN-81 2450 10

7788 SCOTT ANALYST 7566 19-APR-87 3000 20

7839 KING PRESIDENT 17-NOV-81 5000 10

7844 TURNER SALESMAN 7698 08-SEP-81 1500 0 30

7876 ADAMS CLERK 7788 23-MAY-87 1100 20

7900 JAMES CLERK 7698 03-DEC-81 950 30

7902 FORD ANALYST 7566 03-DEC-81 3000 20

7934 MILLER CLERK 7782 23-JAN-82 1300 10

14 rows selected.

SQL> spool off;

**SQL\* Plus/SQL Plus**

* Client tool to access the database
* Installed along with database
* Has specific set of commands
* Interface btn user and data base

**Difference between SQL Statement and SQL\* Plus command**

