➢ Permanent

CREATE TABLESPACE tbs2

DATAFILE 'tbs_per02.dat'

SIZE 20m

ONLINE;

```
SQL> CREATE TEMPORARY TABLESPACE tb3
  2  TEMPFILE 'tbs_temp.dbf'
  3  size 5m
  4  autoextend on;

Tablespace created.
```

➢ Temporary

CREATE TEMPORARY TABLESPACE tb3

TEMPFILE 'tbs_temp.dbf'

Size 5m

Autoextend on;

```
SQL> CREATE TEMPORARY TABLESPACE tb3
  2  TEMPFILE 'tbs_temp.dbf'
  3  size 5m
  4  autoextend on;

Tablespace created.
```

➢ Undo

CREATE UNDO TABLESPACE tb4

DATAFILE 'tbs_undo.f'

Size 10m

Autoextend on;

```
SQL> CREATE UNDO TABLESPACE tb4
  2  DATAFILE 'tbs_undo.f'
  3  size 10m
  4  autoextend on;

Tablespace created.
```

➢ Create User

CREATE USER vis

IDENTIFIED BY vis12

DEFAULT TABLESPACE tbs2

TEMPORARY TABLESPACE tb3

QUOTA 20M on tbs2;

```
SQL> CREATE USER vis
  2   IDENTIFIED BY vis12
  3   DEFAULT TABLESPACE tbs2
  4   TEMPORARY TABLESPACE tb3
  5   QUOTA 20M on tbs2;

User created.
```

➢ Privileges

GRANT SELECT, INSERT, DELETE ON tb_sop_pro TO vis;

```
SQL> GRANT SELECT, INSERT, DELETE ON tb_sop_pro TO vis;

Grant succeeded.
```

➢ Create Role Assign to user

CREATE ROLE std

IDENTIFIED BY stu12;

```
SQL> CREATE ROLE std
  2   IDENTIFIED BY stu12;

Role created.
```

GRANT SELECT, INSERT, DELETE ON tb_sop_cat TO STD;

```
SQL> GRANT SELECT, INSERT, DELETE ON tb_sop_cat TO STD;

Grant succeeded.
```

GRANT STD TO VIS;

```
SQL> GRANT STD TO VIS;

Grant succeeded.
```

➢ Create User to System Privileges

CREATE USER v_kacha

   IDENTIFIED BY v_k

DEFAULT TABLESPACE tbs2

TEMPORARY TABLESPACE tb3;

```
SQL> CREATE USER v_kacha
  2      IDENTIFIED BY v_k
  3   DEFAULT TABLESPACE tbs2
  4   TEMPORARY TABLESPACE tb3;

User created.
```

grant create session to v_kacha;

```
SQL> grant create session to v_kacha;

Grant succeeded.
```

➢ Query Dynamic Views

select * from v$asm_file;

select * from v$asm_client;

select * from v$asm_disk;

```
SQL> desc v$asm_file;
 Name                                              Null?    Type
 ------------------------------------------------- -------- ----------------------------
 GROUP_NUMBER                                                NUMBER
 FILE_NUMBER                                                 NUMBER
 COMPOUND_INDEX                                              NUMBER
 INCARNATION                                                 NUMBER
 BLOCK_SIZE                                                  NUMBER
 BLOCKS                                                      NUMBER
 BYTES                                                       NUMBER
 SPACE                                                       NUMBER
 TYPE                                                        VARCHAR2(64)
 REDUNDANCY                                                  VARCHAR2(6)
 STRIPED                                                     VARCHAR2(6)
 CREATION_DATE                                               DATE
 MODIFICATION_DATE                                           DATE
 REDUNDANCY_LOWERED                                          VARCHAR2(1)

SQL> select * from v$asm_file;

no rows selected

SQL> select * from v$asm_client;

no rows selected

SQL> select * from v$asm_disk;

no rows selected
```

➢ **Query online redo logfile**

select * from v$logfile where type='ONLINE';

```
SQL>  select * from v$logfile where type='ONLINE';

    GROUP# STATUS  TYPE    MEMBER
---------- ------- ------- ----------------------------------------------------------------
         3 STALE   ONLINE  D:\ORACLE\PRODUCT\10.2.0\ORADATA\ORCL\REDO03.LOG
         2         ONLINE  D:\ORACLE\PRODUCT\10.2.0\ORADATA\ORCL\REDO02.LOG
         1         ONLINE  D:\ORACLE\PRODUCT\10.2.0\ORADATA\ORCL\REDO01.LOG
```

➢ **ADD NEW GROUP TO REDO LOG FILE || ADD NEW MEMBER TO REDO LOG FILE**

alter DATABASE ADD logfile ('D:\ORACLE\PRODUCT\10.2.0\ORADATA\ORCL\v_log1.LOG') SIZE 10M;

ALTER DATABASE ADD LOGFILE MEMBER 'D:\ORACLE\PRODUCT\10.2.0\ORADATA\ORCL\v_log2.LOG' TO GROUP 3;

```
SQL> ED;
Wrote file afiedt.buf

  1* alter DATABASE ADD logfile ('D:\ORACLE\PRODUCT\10.2.0\ORADATA\ORCL\v_log1.LOG') SIZE 10M
  2  ;

Database altered.



SQL> ED;
Wrote file afiedt.buf

  1* ALTER DATABASE ADD LOGFILE MEMBER 'D:\ORACLE\PRODUCT\10.2.0\ORADATA\ORCL\v_log2.LOG' TO GROUP 3
  2  ;

Database altered.
```

➢ drop role std;

```
SQL> drop role std;

Role dropped.
```

➢ drop user vis;

```
SQL> drop user vis;

User dropped.
```