Substitute for null values

NVL(null\_column, replace\_values)

Substitute for all null values and not null values

NVL2(column, replaced\_not\_null\_val\_substitute, replaced\_null\_val\_substitute)

Condition Expression

1. Case
2. Decode

Case expr WHEN expr1 THEN return\_expr1

[WHEN expr2 THEN return\_expr2

WHEN exprn THEN return\_exprn

ELSE else\_exprn]

DECODE(col|expression, search1, result1)

[, search2 , result 2, …,]

[, default 1]

**Sub Query**

**Merge concept**

Provided the ability to conditionally update and insert data into database table

* Avoid the separate update
* Increase performance and easy to use
* Is useful in data warehousing application

MERGE INTO tbl\_nametbl\_alias

USING (table|view|sub\_query ) alias

ON(join\_condition)

WHEN MATCHED THEN

UPDATE SET

Col1 = col\_val1,

Col2 = col\_val2

WHEN NOT MATCHED THEN

INSERT (col\_list)

VALUES (col\_val)

View table of another

PS2014041.table\_name -- >default is not working

GRAND INSERT ON table\_name TO <given\_person>

REVOKE INSERT ON table\_name FROM <give-away person>

Note:- always do commit,if you truncate, you can not be recover

All kind of table types

User\_

All\_

Dba\_

CREATE VIEW v\_emp AS select \* from table

Note – view is not physical object it is on the fly and it is virtual

Sequence

Auto generate unique numbers

Is a sharable object

Is typically used to create a PK values

Replace application code

Speeds up the efficiency of accessing sequence values when cached in memory

CREATE SEQUNCE <seq\_name>

[INCREMENET BY n]

[START WITH n]

[{MAXVALUE n | NONMAXVALUE}]

[{MINVALUE n | NONMINVALUE}]

[{CYCLE | NOCYCLE}]

[{CACHE n | NOCACHE}]