**VIEWS**

View is a database object like table. View contains logical copy of table data.

View is created based on table or other view. It can be created based on frequently using data.

It maintains data dynamically, means if table data is changed then

the changes reflected into view dynamically.

View Types: 2

1) Simple or Updateable view

2) Composite or read-only or Join view

1) simple view / updateable view:

This view is created based on single table. we can execute select, insert, update and delete commands on this view. That's why simple view is also known as Updateable view.

SYNTAX:

create view <view\_name> AS select ...... from table\_name ;

Ex: write a query to create a view which contains managers information

from emp table?

create view mgr\_vw AS select \* from emp where job='MANAGER';

Ex: How to select data from a view?

select \* from mgr\_vw;

2) Composite view:

This view is created based on more than one table data. It doesn't allow insert operation on it. It is also known as read only view or Join view.

Advantage:

It will reduce no. of times writing join queries again and again.

syntax:

create view <vw\_name> AS select ........ from table1, table2,...

where <join-cond>;

Ex:

write a query to maintain a view containing managers

ename, sal, job, dept name and dept loc?

create view vw\_emp\_dept\_info

AS

select ename,sal,job,dname,loc from emp,dept where job='MANAGER'

and

emp.deptno=dept.deptno;

HOW TO SELECT THE DATA FROM VIEW?

SYN: SELECT \* from <vw\_name>;

Ex: select \* from vw\_mgr\_info;