**Views**

Views are somewhat like replica of the original table or we can also call views virtual tables.

1. The main purpose of views is to create different varieties of the same table or tables (Virtual Tables)
2. We can create Views by customizing the same table columns or by selecting the columns from multiple tables
3. Hide the Database implementation of the actual tables and show the desired virtual views to the Users
4. Any changes we make in the original table the changes are reflected into the view table also
5. Practical Demonstration

select \* from emp

insert into emp values(1,'varun',5)

insert into emp values(3,'nona',10)

insert into emp values(4,'deliya',15)

## creating view table with only id and name columns

create view empone\_view

as

select id,name from emp

select \* from empone\_view

## creating the view table with where condition in it

create view emponeview1

as

select \* from emp where experiance>10

select \* from emponeview1

## creating another table {This is real table and not a view}

create table empss (id int,country varchar(20))

insert into empss values (1,"usa")

insert into empss values (2,"uk")

insert into empss values (3,"india")

select \* from empss

## now we will create a view taking columns from emp and empss table

## complex\_view example

create view emponeview2

as

select e.id,name,country from emp e,empss em where e.id = em.id

select \* from emponeview2

## creating another view table

create view emp\_view

as

select \* from emp

## now we will insert into original table which is the emp

select \* from emp

insert into emp values(5,'dev',4)

# the changes will be reflected into the view table as well

select \* from emp\_view