Day 10

-Find duplicate employ names

>select name ,count(\*) from emp

group by name

having count(\*)>1;

####order by clause

use to ordering the data in ascending or descending order

>select \* from emp order by sal asc;

>select \* from emp order by sal;

because by default order by use acsending

ordering the records in descending order based on salary

>select \* from emp order by sal desc;

-order by string column(ordering based on alphabetical order)

>select \* from emp order by name

>select \* from emp order by empid desc;

use multiple columns in order by

>select deptno,sal from emp order by deptno ,sal desc;

first order by deptno then order sal inside the department

>select deptno,max(sal) from emp

group by deptno

having max(sal)>60000

order by deptno;

--Fetch total revenue of each product

>select product,sum(revenue) from product1

group by product;

--Fetch total revenue of each product in each year

>select product,year,sum(revenue) as total\_revenue from product1

group by product,year;

--Find the biggest number which only appears once

Input

Id

3

8

8

6

5

4

1

output

6

>select max(num) from (

select num from big\_num

group by num

having count(\*)=1);

-Calculate first login date for each player

>select player\_id,min(event\_date) from activity

group by player\_id;

-Input table

sell\_date product

30-05-23 Headphone

01-06-23 pencil

02-06-23 mask

30-05-23 Basketball

01-06-23 Bible

30-05-23 T-shirt

Output

sell\_date num\_sold products

30-MAY-23 3 Headphone,Basketball,T-shirt

01-JUN-23 2 pencil,Bible

02-JUN-23 1 mask

>select sell\_date,count(\*) as num\_sold,listagg(product,',') as products from prod

group by sell\_date;

--find cuatomer placing the largest number of orders

>select customer\_no,count(\*) from order2

group by customer\_no

order by count(\*) desc

fetch first rows only;

u cannot combine grouping column with non grouping column

>select deptno,count(\*) from emp

group by deptno;

grouping column-->deptno

non grouping column -->name,empid

>select empid,name,deptno,sum(salary) from emp;

error

Still i want all the columns in output

>select empid,name,sum(salary)over() from emp;

###############Window functions or analytical functions

It is used to display non group column with group column

Here rows are not grouped into a single row

It returns a aggregated value for each row.