31/01/2023 sql queries:

Using of the in operator:

select \* from product\_Manager where availQty in (100,50,70);

select \* from product\_Manager where availQty not in (100,50,70);

select \* from users;

Username starting with ‘l’:

select \* from users where username like 'l%';

username having second letter as ‘a’:

select \* from users where username like '\_a%';

username ends with ‘a’ or ‘vs’ or ‘vya’:

select \* from users where username like '%a';

select \* from users where username like '%vs';

select \* from users where fullname like '%vya';

Functions in Sql:

Aggregate functions:

select max(availQty) as max\_qty from product\_Manager;

select min(availQty) as min\_qty from product\_Manager;

select sum(availQty) as total from product\_Manager;

select count(\*) as totalcount from product\_Manager;

select avg(availQty) as AVGcount from product\_Manager;

using of alias command:

select max(availQty) as max\_qty from product\_Manager;

select min(availQty) as min\_qty from product\_Manager;

select sum(availQty) as total from product\_Manager;

Default constraint:

alter table users add constraint cata default 'admin' for catagory;

insert into users values(5,'vini','vini12','vineeth',0,'admin');

select \* from users;

using of Alter Command:

alter table users add Email varchar(200);

update users set Email='lav@gmail.com' where userid=1;

update users set Email='kav@gmail.com' where userid=2;

update users set Email='nav@gmail.com' where userid=3;

update users set Email='gan@gmail.com' where userid=4;

update users set Email='vini@gmail.com' where userid=5;

select \* from users;

Questions and Answers of assignment:

1.Write a query to display the id, entire street address and the first word of the street address of all entries in the location table. Give an alias to the first word as 'first\_word'.Display the records sorted in ascending order based on first\_word.

Ans:

select id,street\_address,right(street\_address,5) as firstword from location order by firstword;

2. Write a query to display the names of all states belonging to the country Canada. Display the records sorted in ascending order based on state name

Ans:

select state from location where country\_id=(

select id from Countries where name='Canada') order by state;

3. Write a query to display the first name of the managers of Accounts department. Display the records sorted in ascending order based on manager name.

Ans:

select first\_name from employee where department\_id =(

select id from department where name='Accounts') order by first\_name;

9.Write a query to display the names of all countries belonging to region Europe. Display the records sorted in ascending order based on country name.

Ans:

select name from Countries where region\_id=(select id from Region where name='Europe') order by name;

14.Write a query to display the first name of the managers of HR department. Display the records sorted in ascending order based on manager name

Ans:

select first\_name from employee where department\_id =(

select id from department where name='HR') order by first\_name;