SQL ClassWork

show databases;  
use ust;  
show tables;  
create table product(pid int,pname varchar(120),quantity int);  
alter table product add column price int;  
alter table product change column price cost int;  
alter table product drop column cost;  
rename table product to product\_info;  
  
//distinct  
select distinct designation,deptno from employee;  
select bloodgroup as bg from employee;  
select bloodgroup bg from employee;  
//INSERT  
insert into product\_info(pid,pname,quality) values(101,'pen',10);  
select \* from product\_info;

insert into product\_info values(102,'pencil',20);  
insert into product\_info(pid,pname) values(105,'headphone');  
insert into product\_info (pid,pname,quality) values(106,'bike',50),(107,'car',30);  
  
//UPDATE  
update product\_info set quality=100;  
  
//WHERE  
 update employee set mobile=1111 where eid=3;  
delete from employee where ename="abhaya";

waq to display the salary of employee incremented by 5000?  
select salary+5000 incremented from employee;  
select salary+5000 sal  from employee;

waq to display annual salary?  
select salary\*12 sal  from employee;

waq to display oneday salary?  
select salary/30 sal  from employee;  
waq to display the results from employee table whose designation is s/w developer?  
select ename from employee where designation="developer";

waq to display all the records of employee excluding who is working in deptno 20?  
select \* from employee where deptno!=20;

to display the record of employee whose salary is greater than 1000?  
 select \* from employee where salary>=1000;

waq to display all records whose age is less than 23?  
select \* from employee where age<=23;

waq to display name,salary,emailid,mobile whose age is equal to 20 or greater than 20?  
 select ename,salary,email,mobile from employee where age<=21;

waq to display all employee details who is working on dept 20 as well as salary is 20000?  
 select \* from employee where deptno=20 and salary>20000;

waq to display name,salary from the employee table who is working in deptno 10 and 20?  
  select ename,salary from employee where deptno=10 and deptno=20;

waq to display employee details whose designation is tester and age is eual to 25?  
  select \* from employee where designation="tester" and age>20;

waq to display all the records of employee who is working as a tester or having salary more than 20000?  
  select \* from employee where designation="tester" or salary>20000;

waq to display name,salary,age from employee table who is working in dept 10 or 50 or 40?  
  select ename,salary,age from employee where deptno=10 or deptno=40 or deptno=50;

waq employee details whose age is more than 23 and bloodgroup is b-?  
  select \* from employee where age>23 and bloodgroup="b-";

waq to display all the records of employee excluding tester?  
  select \* from employee where not designation="tester";

waq to display name of all the employees who is working as a HR or tester and salary is greater than 20000?  
  select ename \* from employee where designation="hr" or designation="tester" and salary>20000;

waq to display all the employees excluding s/w developer who are working in deptno 40?  
  select \* from employee where not designation="developer" and deptno=40;

waq to display all the developer who wre working for deptno 10 and 40?  
  select \* from employee where designation="developer" and deptno=10 deptno=40;

waq to display all the details of employee who is working in 40,50,70?  
  select \* from employee where deptno in(40,50,70);

waq to display name of all employees who is working as a hr,tester,admin?  
  select \* from employee where designation in("hr","tester","admin");

waq to display the details of tester,admin,developer who are working in depntno 20 and 30 and salary >2000?  
  select \* from employee where (designation in(20,30))and (deptno in(20,30)) and salary>20000;  
/////////////////////////////  
IN  
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1.waq to display all the details of employee who is working in 40,50,70?

  select \* from employee where deptno in(40,50,70);  
2.waq to display name of all employees who is working as a hr,tester,admin?

  select \* from employee where designation in("hr","tester","admin");  
3.waq to display the details of tester,admin,developer who are working in depntno 20 and 30 and salary >2000?

  select \* from employee where (designation in(20,30))and (deptno in(20,30)) and salary>20000;  
4.waq to display all the details of employee excluding who is working as a tester and hr?

select \* from employee where designation notin('tester','hr');  
5.waq to display all the records of employee whose age is 20,23,25 exclude all the details of tester and developer?  
select \* from employee where age in(20,23,25) and not in designation=('tester','developer');  
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BETWEEN  
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1.waq to display all the details of employee age in between 20 and 25?

select \* from employee where age between 20 and 25;  
2.waq to display  all the details of employee who hired during 2017?

select \* from employee where doj between '2017-01-01' and '2017-12-31';  
3.waq to display all the records of employee excluding whose salary is between 2500 to 3500?  
select \* from employee where salary not between 2500 and 3500;  
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IS  
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