create database wednesday;

use wednesday;

CREATE TABLE Worker (

WORKER\_ID INT NOT NULL PRIMARY KEY AUTO\_INCREMENT,

FIRST\_NAME CHAR(25),

LAST\_NAME CHAR(25),

SALARY INT(15),

JOINING\_DATE DATETIME,

DEPARTMENT CHAR(25)

);

INSERT INTO Worker

(WORKER\_ID, FIRST\_NAME, LAST\_NAME, SALARY, JOINING\_DATE, DEPARTMENT) VALUES

(001, 'Monika', 'Arora', 100000, '14-02-20 09.00.00', 'HR'),

(002, 'Niharika', 'Verma', 80000, '14-06-11 09.00.00', 'Admin'),

(003, 'Vishal', 'Singhal', 300000, '14-02-20 09.00.00', 'HR'),

(004, 'Amitabh', 'Singh', 500000, '14-02-20 09.00.00', 'Admin'),

(005, 'Vivek', 'Bhati', 500000, '14-06-11 09.00.00', 'Admin'),

(006, 'Vipul', 'Diwan', 200000, '14-06-11 09.00.00', 'Account'),

(007, 'Satish', 'Kumar', 75000, '14-01-20 09.00.00', 'Account'),

(008, 'Geetika', 'Chauhan', 90000, '14-04-11 09.00.00', 'Admin');

select \* from worker where salary between 100000 and 300000;

select \* from worker where salary not between 100000 and 300000;

select \* from worker where salary between 100000 and 300000 and department not in ('Account','Admin');

select min(salary) from worker;

select max(salary) from worker;

select count(worker\_id) from worker;

select avg(salary) from worker;

select sum(salary) from worker;

CREATE TABLE Worker1 (

WORKER\_ID INT NOT NULL PRIMARY KEY AUTO\_INCREMENT,

FIRST\_NAME CHAR(25),

LAST\_NAME CHAR(25),

SALARY INT(15),

JOINING\_DATE DATETIME,

DEPARTMENT CHAR(25)

);

INSERT INTO Worker1

(WORKER\_ID, FIRST\_NAME, LAST\_NAME, SALARY, JOINING\_DATE, DEPARTMENT) VALUES

(001, 'Monika', 'Arora', 100000, '14-02-20 09.00.00', 'HR'),

(002, 'Niharika', 'Verma', 80000, '14-06-11 09.00.00', 'Admin'),

(003, 'Vishal', 'Singhal', 300000, '14-02-20 09.00.00', 'HR'),

(004, 'Amitabh', 'Singh', 500000, '14-02-20 09.00.00', 'Admin'),

(005, 'Vivek', 'Bhati', 500000, '14-06-11 09.00.00', 'Admin'),

(006, 'Vipul', 'Diwan', 200000, '14-06-11 09.00.00', 'Account'),

(007, 'Satish', 'Kumar', 75000, '14-01-20 09.00.00', 'Account'),

(008, 'Geetika', 'Chauhan', 90000, '14-04-11 09.00.00', 'Admin');

select distinct(department) from worker;

select department from worker union select department from worker1;

select department from worker union all select department from worker1;

select department from worker where salary>200000 union select department from worker1 where salary>200000;

select first\_name, salary,

case

when salary>300000 then 'Rich people'

when salary>100000 and salary<=300000 then 'Middle class people'

when salary>10000 and salary<=100000 then 'Poor people'

else 'Data not found'

end

as status\_check

from worker;

select \* from worker where salary<=200000 order by salary desc;

select first\_name,last\_name from worker order by first\_name desc,last\_name asc;

select \* from worker where first\_name like '%a';

select \* from worker where first\_name like '\_i%a';

select \* from worker where first\_name like '\_\_\_t%';

select \* from worker where first\_name like '\_i%l';

select \* from worker where first\_name like '\_a%';

create view admin\_team as select \* from worker where department='Admin' and salary<200000;

create view hr\_team as select \* from worker where department='HR' and salary<200000;

create view account\_team as select \* from worker where department='Account' and salary<200000;

create or replace view admin\_team\_status as select \* from worker where department='Admin' and salary<200000;

drop view admin\_team;

select \* from admin\_team\_status;