-- use testdb;

-- create table employe(emp\_id int,name varchar(255),age int, position varchar(250),year\_of\_joining datetime);

-- insert into employe(emp\_id,name,age,position,year\_of\_joining)values(1,"reethu",28,"software trainee","2020-09-14 23:18:17");

-- insert into employe(emp\_id,name,age,position,year\_of\_joining)values(2,"silpa",24,"software","2020-09-14 23:18:17");

-- alter table employe add (salery int);

-- update employe set salery=1000 where emp\_id=1;

-- update employe set salery=2000 where emp\_id=2;

-- select \* from employe;

-- use reethu;students

-- create table employe(emp\_id int,name varchar(255),age int, position varchar(250),year\_of\_joining datetime);

-- insert into employe(emp\_id,name,age,position,year\_of\_joining)values(1,"reethu",28,"software trainee","2020-09-14 23:18:17");

-- insert into employe(emp\_id,name,age,position,year\_of\_joining)values(2,"silpa",24,"software","2020-09-14 23:18:17")

-- alter table employe add (salery int);

-- update employe set salery=1000 where emp\_id=1;

-- update employe set salery=2000 where emp\_id=2;

-- extract month from date?

-- select extract(month from year\_of\_joining) as month from employe;

-- select name,monthname(year\_of\_joining) as month from employe;

-- select \* from employe;

-- drop database testb;

-- create database shop;

-- use shop;

-- create table shop(item\_no int,product\_name varchar(250));

-- insert into shop(item\_no,product\_name) values(1,"pavada");

-- alter table shop add (product\_amount int);

-- update shop set product\_amount=1000 where item\_no=1;

-- insert into shop(item\_no,product\_name,product\_amount) values(2,"pava",10000),(3,"shirt",15000);

-- select product\_name,product\_amount from shop WHERE product\_amount<=10000

-- --write a query to find an employee whose salery is less than or equal to 10000

-- select \* from shop;

-- create database students;

-- use students;

-- create table students(std\_id int,name varchar(255),physcis int,chemistry int,maths int(250));

-- insert into students(std\_id,name,physcis,chemistry,maths)values(1,"reethu",28,29,30);

-- insert into students(std\_id,name,physcis,chemistry,maths)values(2,"silpa",30,29,30);

-- insert into students(std\_id,name,physcis,chemistry,maths)values(3,"aruna",30,29,30);

-- insert into students(std\_id,name,physcis,chemistry,maths)values(4,"mustha",28,30,30);

-- insert into students(std\_id,name,physcis,chemistry,maths)values(5,"kshema",28,29,28);

-- insert into students(std\_id,name,physcis,chemistry,maths)values(6,"abin",27,29,30);

-- insert into students(std\_id,name,physcis,chemistry,maths)values(7,"safna",28,30,30);

-- insert into students(std\_id,name,physcis,chemistry,maths)values(8,"aishu",30,29,30);

-- insert into students(std\_id,name,physcis,chemistry,maths)values(9,"aarcha",28,30,30);

-- insert into students(std\_id,name,physcis,chemistry,maths)values(10,"rachana",27,29,30);

-- delete from students where std\_id=10;

-- ALTER TABLE students

-- DROP COLUMN maths;

-- select \* from students;

-- create database dt;

-- use dt;

-- select currenttimestamp() as clock; (display current data)

-- SELECT NOW();

-- select \* from dt;

-- write an sql query to print candinate name whose birthdate is 08/09/1970 to 30/11/1975

-- create database age;

-- use age;

-- create table candinat(name varchar(255), birthdate date);

-- insert into candinat(name,birthdate)values("reethu","1970-09-08"),("silpa","1970-09-08"),("mustha","1975-11-30"),("appu","1985-09-08"),("priya","1973-09-08"),("anu","1970-12-08");

-- select \* from candinat;

-- select name from candinat where birthdate between "1970-09-08" and "1975-11-30";

-- --write a query to print the candinate name whose name start with s

-- select name from candinat WHERE name LIKE 'S%';

-- --write a query to find the month from a given date

-- select month(now());

-- select month("2023-12-01");

-- --write a query to fetch the first 3 chara of the employee name?

-- SELECT SUBSTRING(name, 1, 3) AS first\_three\_chars FROM candinat;

-- SELECT LEFT(name, 3) AS first\_three\_chars FROM candinat; --or method to fecth 3 chara

-- select \* from candinat

-- --write a query to join three tables containing 2 null values

-- create database tabl; --join methods

-- use tabl;

-- create table employeeData(emp\_id int,name varchar (250),dept\_id int);

-- insert into employeeData(emp\_id,name,dept\_id) values (1,"reethu",100),(2,"sai",101),(3,"ammu",103);

-- create table departments(dept\_id int,dept\_name varchar(250));

-- insert into departments(dept\_id,dept\_name) values (100,"hr"),(101,"finance"),(103,"admin");

-- select \* from departments;

-- select \* from employeedata;

-- select employeedata.name,departments.dept\_name,departments.dept\_id from employeedata inner join departments on employeedata.dept\_id=departments.dept\_id;

-- select employeedata.name,employeedata.emp\_id,employeedata.dept\_id,departments.dept\_id as department\_id from employeedata left join departments on employeedata.dept\_id=departments.dept\_id;

-- select departments.dept\_name,departments.dept\_id ,employeedata.dept\_id as employee\_id from departments right join employeedata on employeedata.dept\_id=departments.dept\_id;

-- select employeedata.name,employeedata.emp\_id,employeedata.dept\_id,departments.dept\_name,departments.dept\_id as department\_id from employeedata cross join departments on employeedata.dept\_id=departments.dept\_id ;

-- create database join\_tab;

use join\_tab;

-- create table employeedata(emp\_id int, emp\_name varchar(255), dept\_id int);

-- insert into employeedata(emp\_id,emp\_name,dept\_id) values(1,"silpa",100),(2,"reethu",101),(3,"aruna",102),(4,"mustha",104);

-- insert into employeedata(emp\_id,emp\_name,dept\_id) values(4,"abin",103);

-- select \* from employeedata;

-- create table department(dept\_id int, deptname varchar(255));

-- insert into department(dept\_id,deptname) values(100,"HR"),(101,"finance"),(102,"project"),(104,"marketing");

-- insert into department(dept\_id,deptname) values(105,"media");

-- select employeedata.emp\_name,department.deptname from employeedata inner join department on employeedata.dept\_id = department.dept\_id ;

select employeedata.emp\_id, employeedata.emp\_name,employeedata.dept\_id,department.dept\_id as department\_id from employeedata left join department on employeedata.dept\_id = department.dept\_id ;

-- select employeedata.dept\_id ,department.deptname from employeedata right join department on employeedata.dept\_id = department.dept\_id ;

-- select employeedata.emp\_id, employeedata.emp\_name,employeedata.dept\_id,department.deptname from employeedata cross join department on employeedata.dept\_id = department.dept\_id;