**Assignment No: 11**

**Title:** Practice Object Oriented Database and Arrays and Composite attributes using Postgre SQL.

**Program:**

--composite type, Array & Table inheritance

--drop type Address;

--drop type PName

--drop type PersonType;

Create database samiksha;

Use samiksha;

create type Address as(

street varchar(20),

city varchar(20),

zipcode varchar(9),

country varchar(10)

);

create type PName as(

fname varchar(10),

lname varchar(10)

);

create type PersonType as(

p\_name PName,

p\_add Address,

dob date

);

create table person of PersonType;

create table student(

skills varchar(10) array[10],

dept varchar(10)

)inherits(person);

insert into student values(

'("Mounika","Boini")',

'("cross street","Solapur","413006","India")',

'2001-10-22',

'{"Java","C","C++","Python","MySQL","SQL"}',

'CSE'

);

insert into student values(

'("Roshan","Sodhi")',

'("3rd Street","Solapur","413005","India")',

'2001-5-30',

'{"Kotlin","C","C++","Python","MySQL","SQL"}',

'IT'

);

insert into student values(

'("Minal","Das")',

'("1st cross street","Solapur","413006","India")',

'2001-11-2',

'{"Java","C","C++","Python","JavaScript"}',

'CSE'

);

insert into student values(

'("Sakhi","Patil")',

'("ZC Road","Solapur","413004","India")',

'2001-3-17',

'{"VLSI","SQL","C","C++","Python"}',

'ELE'

);

insert into student values(

'("Virat","Singh")',

'("ABC Road","Solapur","413003","India")',

'2001-6-18',

'{"Java","SQL","C","C++","Python"}',

'ENTC'

);

select \* from student;

