create database CC;

USE CC;

CREATE TABLE DEPARTMENT

(

deptno int primary key identity(101,1),

deptname varchar(30) not null,

location varchar(20) not null

);

Create table Employee

(

Emp\_Id int primary key identity,

Fname varchar(10) not null,

Lname varchar(10) not null,

Email varchar(50) not null,

Joining\_Date datetime,

deptno int references department(deptno)

)

select \* from DEPARTMENT;

insert into DEPARTMENT values('HR','Pune');

insert into DEPARTMENT values('Account','Mumbai');

insert into DEPARTMENT values('Development','Bangalore');

insert into DEPARTMENT values('Testing','Chennai');

select \* from Employee;

insert into employee values ('Anisha','Sharma','A.S@gmail.com','2012-02-06',102),

('Avinash','Kumsathe','A.K@gmail.com','2015-12-15',101),

('Manisha','Patil','M.P@gmail.com','1995-01-04',101),

('Abhijit','Pengole','A.p@gmail.com','1989-10-17',103), ('Subhash','Kale','S.K@gmail.com','2018-11-06',104),

('Nilesh','Jokande','N.J@gmail.com','2008-03-21',104),

('Sapana','Saypute','S.P@gmail.com','2017-08-19',103)

create function Calculate\_Experience

( @DateValue Datetime )

returns varchar(max)

As

Begin

return

CAST( DATEDIFF(DD,@DateValue,GETDATE()) /365.25 as INT )

End

select (Fname +' ' +Lname) As Name, deptname,

DATENAME(DW, Joining\_Date)+ ', '+

DATENAME(DAY, Joining\_Date)+ ' '+

DATENAME(MONTH, Joining\_Date) +', '+

DATENAME(YEAR, Joining\_Date) As 'Date of Joining',

dbo.Calculate\_Experience(joining\_date) as 'Experience in years'

from Employee e

join DEPARTMENT d

on d.deptno = e.deptno;

select (Fname +' ' +Lname) As Name, deptname,

dbo.Calculate\_Experience(joining\_date) as 'Experience in years' ,

case dbo.Calculate\_Experience(joining\_date)

when 0 then 'Not Eligible for Gratuity'

when 1 then 'Not Eligible for Gratuity'

when 2 then 'Not Eligible for Gratuity'

when 3 then 'Not Eligible for Gratuity'

when 4 then 'Not Eligible for Gratuity'

else 'Eligible for Gratuity'

end As Description

from Employee e

join DEPARTMENT d

on d.deptno = e.deptno;