EMPLOYEE DATABSE
WEEK 5

```
create database Employee;

use Employee;

create table DEPT(

DeptNo int primary key,

Dname varchar(20),

Dloc varchar(15));

create table Project(

PNo int primary key,

Ploc varchar(15),

Pname varchar(20));

create table Employees(

EmpNo int primary key,

Ename varchar(20),

MGR_NO varchar(10),

Hiredate date,

Sal int,

DeptNo int,
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foreign key(DeptNo) references DEPT(DeptNo) on delete cascade on update cascade);

create table Incentives(

EmpNo int,

Incentive_date date primary key,

Incentive_amount int,

foreign key(EmpNo) references Employees(EmpNo) on delete cascade on update cascade);

create table Assigned_to(

EmpNo int,

Pno int,

Job_role varchar(10),

foreign key(EmpNo) references Employees(EmpNo) on delete cascade on update cascade,

foreign key(Pno) references PRoject(Pno) on delete cascade on update cascade);

insert into Dept values

(10,'Marketing','Bangalore'),

(20,'HR','Mysore'),

(30,'IT','Chennai'),

(40,'Finance','Hyderabad'),

(50,'Accounts','Kolkata'),

(60,'Design','Mumbai'),

```sql
    (70,'Logistics','Pune'),
    (80,'Advertising','Delhi');
insert into Project values
    (100,'Bangalore','Greed'),
    (200,'Mysore','Envy'),
    (300,'Chennai','Pride'),
    (400,'Mumbai','Lust'),
    (500,'Delhi','Gluttony'),
    (600,'Hyderabad','Wrath'),
    (700,'Kolkata','Sloth');
insert into Employees values
    (01,'John',12,'2001-02-08',10000,80),
    (02,'Lucifer',23,'2002-02-020',15000,10),
    (03,'Michael',34,'2003-03-13',20000,30),
    (04,'Jessi',45,'2004-05-19',25000,20),
    (05,'Alesia',56,'2005-06-15',30000,50),
    (06,'Taylor',67,'2006-08-06',35000,60),
    (07,'Shawn',78,'2007-09-07',40000,40),
    (08,'Camila',89,'2008-04-08',45000,10),
    (09,'Jack',100,'2009-07-09',50000,20),
    (10,'Abdul',112,'2010-11-10',55000,70);
insert into Incentives values
    (08,'2021-06-15',1000),
```

(01,'2022-08-20',1500),

(06,'2021-04-30',2000),

(07,'2022-06-11',2500),

(02,'2021-05-17',3000),

(10,'2022-12-18',3500);

insert into Assigned_to values

(01,100,'Manager'),

(02,300,'Clerk'),

(03,200,'Supervisor'),

(04,600,'Assistant'),

(05,500,'Stock manager'),

(06,600,'Mechanic'),

(07,400,'Counselor'),

(08,100,'Chief Security'),

(09,300,'Engineer'),

(10,200,'Maid');
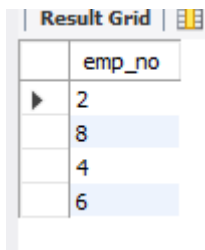
QUERIES:

Q. Retrieve the employee numbers of all employees who work on project located in Bengaluru, Hyderabad, or Mysuru

INPUT:

 select EmpNo from Assigned_to A,Project P where A.Pno = P.PNo and

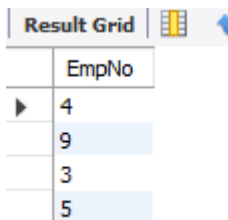P.Ploc in('Bangalore','Mysore','Hyderabad')**;**

OUTPUT:

emp_no
2
8
4
6

Q. Get Employee ID's of those employees who didn't receive incentives.

INPUT:

select distinct(E.EmpNo) from Employees E,Incentives I where E.EmpNo not in(select EmpNo from Incentives);

OUTPUT:

EmpNo
4
9
3
5

Q. Write a SQL query to find the employees name, number, dept, job_role, department location and project location who are working for a project location same as his/her department location.

INPUT:

Select E.Ename,E.EmpNo,D.Dname,A.Job_role,D.Dloc,P.Ploc

from Employees E, DEPT D, Assigned_to A,Project P

where D.DeptNo = E.DeptNo and E.EmpNo = A.EmpNo and A.Pno = P.PNo

OUTPUT:

Ename	EmpNo	Dname	Job_role	Dloc	Ploc
Camila	8	Marketing	Chief Security	Bangalore	Bangalore

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