create database employee;

use employee;

create table dept(deptno varchar(10),

dname varchar(25),

dloc varchar(25));

create table employee(empno varchar(10),

ename varchar(30),

MGR\_NO int,

hiredate date,

sal decimal(10),

deptno varchar(10),

foreign key (deptno) references dept(deptno));

alter table dept add primary key(deptno);

alter table employee add primary key(empno);

create table incentives(empno varchar(10),

idate date primary key,

iamount decimal(10),

foreign key (empno) references employee(empno));

create table project(pno int,

ploc varchar(30),

pname varchar(30));

alter table project add primary key (pno);

create table assignedto(empno varchar(10),

pno int,

pname varchar(30),

foreign key (empno) references employee(empno),

foreign key (pno) references project(pno));

alter table employee add foreign key (deptno) references dept(deptno);

insert into dept values("12345A","cse","bangalore"),

("12345B","ece","chennai"),

("12345C","eee","mumbai"),

("12345D","me","kolkata"),

("12345E","bte","hyd");

insert into employee values("1","sai",111,"2024-10-23",100011,"12345A"),

("2","charan",222,"2024-10-11",100023,"12345B"),

("3","shinchan",333,"2024-11-30",200011,"12345C"),

("4","saich",444,"2023-10-23",102011,"12345D"),

("5","cherry",555,"2023-10-23",10001,"12345E");

insert into incentives values("1","2025-10-31",10000),

("2","2025-10-30",20000),

("3","2025-10-29",1000),

("4","2025-10-28",20000),

("5","2025-10-27",33400);

insert into project values(11,"bangalore","proj1"),

(22,"chennai","proj2"),

(33,"mumbai","proj3"),

(44,"kolkata","proj4"),

(55,"hyd","proj5");

insert into assignedto values("1",11,"manager"),

("2",22,"hr"),

("3",33,"employee"),

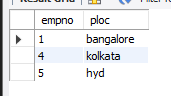
("4",44,"developer"),

("5",55,"snrmanager");

select e.empno,p.ploc

from assignedto e, project p

where e.pno=p.pno and p.ploc in ("bangalore","hyd","kolkata");



select empno

from incentives

where iamount=0;



select e.ename,e.empno,a.pname as jobrole,d.deptno,p.ploc

from employee e, dept d, assignedto a, project p

where e.empno=a.empno and d.deptno=e.deptno and p.pno=a.pno;

