create database employee\_database;

use employee\_database;

create table employee(

emp\_no int primary key,

e\_name varchar(40),

mgr\_no int,

hire\_date date,

sal int,

dept\_no int,

foreign key (dept\_no) references department(dept\_no)

);

create table department(

dept\_no int primary key,

d\_name varchar(40),

d\_loc varchar(40)

);

create table incentives(

emp\_no int,

incentive\_date date,

incentive\_amt int,

primary key(emp\_no,incentive\_date),

foreign key(emp\_no) references employee(emp\_no)

);

create table project(

p\_no int primary key,

p\_loc varchar(40),

p\_name varchar(40)

);

create table assigned\_to(

emp\_no int,

p\_no int,

job\_role varchar(40),

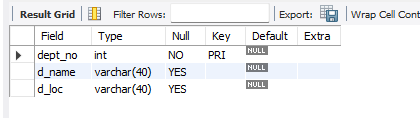
primary key(emp\_no,p\_no),

foreign key(emp\_no) references employee(emp\_no),

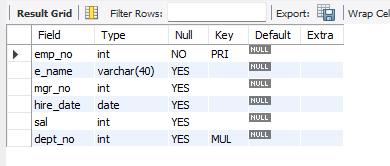
foreign key(p\_no) references project(p\_no)

);

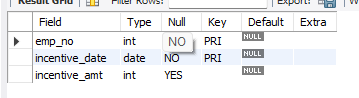
desc department;



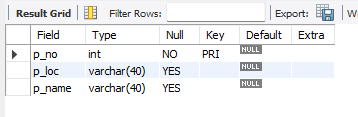
desc employee;



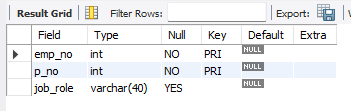
desc incentives;



desc project;



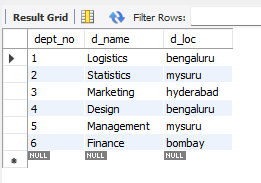
desc assigned\_to;



insert into department

values(1,'Logistics','bengaluru'),(2,'Statistics','mysuru'),(3,'Marketing','hyderabad'),(4,'Design','bengaluru'),(5,'Management','mysuru'),(6,'Finance','bombay');

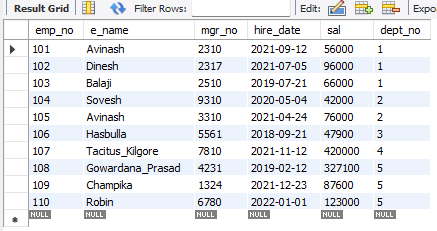
select \* from department;



insert into employee

values(101,'Avinash',2310,'2021-09-12',56000,1),(102,'Dinesh',2317,'2021-07-05',96000,1),(103,'Balaji',2510,'2019-07-21',66000,1),(104,'Sovesh',9310,'2020-05-04',42000,2),(105,'Avinash',3310,'2021-04-24',76000,2),(106,'Hasbulla',5561,'2018-09-21',47900,3),(107,'Tacitus\_Kilgore',7810,'2021-11-12',420000,4),(108,'Gowardana\_Prasad',4231,'2019-02-12',327100,5),(109,'Champika',1324,'2021-12-23',87600,5),(110,'Robin',6780,'2022-01-01',123000,5);

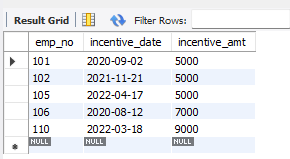
select \* from employee;



insert into incentives

values(101,'2020-09-02',5000),(106,'2020-08-12',7000),(102,'2021-11-21',5000),(105,'2022-04-17',5000),(110,'2022-03-18',9000);

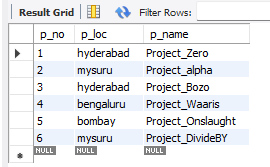
select \* from incentives;



insert into project

values(01,'hyderabad','Project\_Zero'),(02,'mysuru','Project\_alpha'),(03,'hyderabad','Project\_Bozo'),(04,'bengaluru','Project\_Waaris'),(05,'bombay','Project\_Onslaught'),(06,'mysuru','Project\_DivideBY');

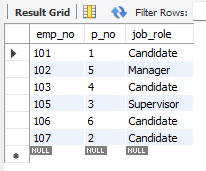
select \* from project;



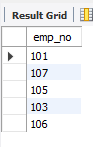
insert into assigned\_to

values(101,01,'Candidate'),(103,04,'Candidate'),(102,05,'Manager'),(105,03,'Supervisor'),(107,02,'Candidate'),(106,06,'Candidate');

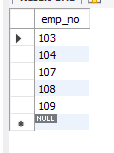
select \* from assigned\_to;



select E.emp\_no from employee E,project P,assigned\_to A where E.emp\_no=A.emp\_no and P.p\_no=A.p\_no and p\_loc in ('bengaluru','mysuru','hyderabad');



select emp\_no from employee where emp\_no not in (select emp\_no from incentives);



select E.e\_name,E.emp\_no,D.d\_name,A.job\_role,D.d\_loc,P.p\_loc from employee E,department D,Assigned\_to A,project P where E.emp\_no=A.emp\_no and E.dept\_no=D.dept\_no and A.p\_no=P.p\_no and P.p\_loc=D.d\_loc;

