create database Bharath;

use Bharath;

create table emp(eid int primary key auto\_increment, ename varchar(50) not null, Phno bigint, DOB date not null, loc varchar(25) default "bangalore");

insert into emp values(1,"abc", 9234353,"2001-01-22","bangalore"),(2,"def", 9134343,"2002-11-22","bangalore");

insert into emp values(3,"ghi", 9234653,"2001-12-04","pune"),(4,"jkl", 9714343,"2007-08-14","hyd");

insert into emp values(5,"lmn",23423,"2002-09-12","pune");

select \*from emp;

create table salary(SLNO int primary key, eid int not null, AMT float not null, SALARY\_DATE date);

insert into salary values(1,1,25000,"2022-01-01"),(2,2,5000,"2022-01-01"),(3,3,23000,"2022-01-01"),(4,4,6000,"2022-01-01");

insert into salary values(5,5,30000,"2022-02-21");

update salary set eid=5 where SLNO=5;

select \*from salary;

select e.loc,avg(s.AMT) from salary s join emp e on s.eid=e.eid group by e.loc;

select e.loc,e.ename,s.AMT as avg\_amt from emp e join salary s on e.eid=s.eid group by e.loc having s.AMT>avg(s.AMT);

select \* from

(select ename,AMT,avg(AMT) over(partition by e.loc) as ag from emp e join salary s on e.eid=s.eid) rent where AMT>ag;

select \* from emp e1 join salary s1 on e1.eid=s1.eid where s1.AMT>(select avg(s.AMT) as avg\_amt from emp e join salary s on e.eid=s.eid where e1.loc=e.loc group by e.loc);