ASSIGNMENT 1

QUESTION1.

Consider the following Data Base schema
Employee (Eno, EName, Salary, Dno, Mgr_Eno)
Department (Dno, DName)
 Project (Pno, Pname, Dno)

Employee table:-

CREATE TABLE EMPLOYEE2(

Eno numeric(5) unique,

EName character(50),

Salary numeric(10),

Dno numeric(5),

Mgr_Eno character(50),

primary key(Dno));

Insert into EMPLOYEE2

VALUES

(0001,'ROHAN',250000,10001,'ANURAG'),

(0002,'MOHIT',150000,10002,'RASHI'),

(0003,'RAMNARESH',50000,10003,'SIMRAN'),

(0004,'PREET',5000,10004,'MANISH'),

(0005,'RISHI',150000,10005,'SURESH'),

(0006,'DEEPAK',50000,10006,'SHUBHAM'),

(0007,'HIMANSHI',200000,10007,'KASHYAP');

select *from EMPLOYEE2;

Eno	EName	Salary	Dno	Mgr_Eno
1	ROHAN	250000	10001	ANURAG
2	MOHIT	150000	10002	RASHI
3	RAMNARESH	50000	10003	SIMRAN
4	PREET	5000	10004	MANISH
5	RISHI	150000	10005	SURESH
6	DEEPAK	50000	10006	SHUBHAM
7	HIMANSHI	200000	10007	KASHYAP

DEPARTMENT TABLE:-

CREATE TABLE DEPARTMENT1(

Dno numeric(5),

DName character(25),

foreign key(Dno) references EMPLOYEE2(Dno)

);

PROJECT TABLE:-

CREATE TABLE PROJECT1(

Pno int,

PName character(25),

Dno numeric(5),
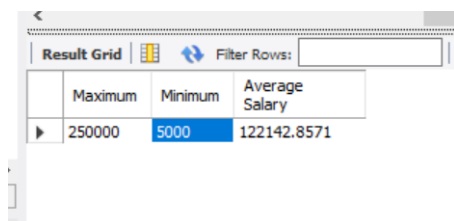
foreign key(Dno) references EMPLOYEE2(Dno)

);

Write the following queries in SQL:
Display the name of the employee who draws minimum, maximum and average salary.

Ans: -

 select max(Salary) as "Maximum", min(Salary) as "Minimum", avg(Salary) as "Average Salary" from EMPLOYEE2;

OUTPUT:

Maximum	Minimum	Average Salary
250000	5000	122142.8571