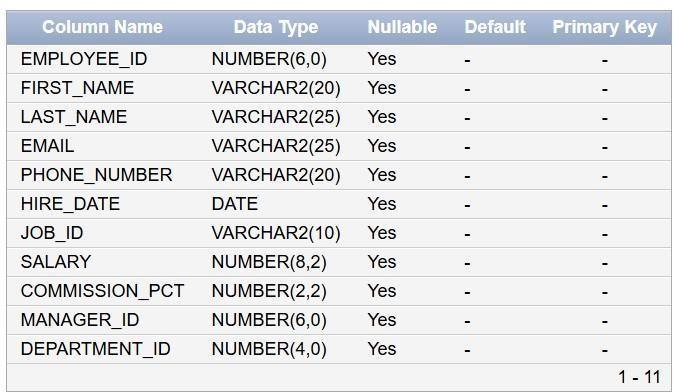
# Ex. No:2 Roll No: 230701189

**Date:05/08/2024 Name: Shayaan Shaikh**

DATA MANIPULATIONS

1. create table employees (employee\_id number(6),First\_Name varchar(20),Last\_Name varchar(25),Email varchar(25),Phone\_number varchar(20),hire\_date date,Job\_id varchar(10),Salary number(8,2),Commission\_pct number(2,2),Manager\_id number(6),Department\_id number(4));



Insert into employees

values(3,'Ralph','Patel','rpatel@gmail.com',9768403822,'11-12-2000',13,5000,.25,101,40);

Insert into employees

values(4,'George','Austin','geaustin@gmail.com',9573268191,'09-10-2018',14,6000,.3,103,60);

Insert into employees values (1,'Ben','Chad','bchad@gmail.com',9493836325,'24-07-2022',11,4500,.15,100,70);

Insert into employees values (2,'Bety','Dancs','bdancs@gmail.com',9763467298,'19-05-2021',12,4800,.17,100,56);

Insert into employees values (5,'Audrey','Austin','audaustin@gmail.com',9684357377,'06-05-2017',15,7000,.35,104,80);

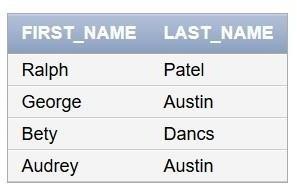


select employee\_id,first\_name,last\_name,salary from employees;



select \*from employees where manager\_id=100;



select first\_name,last\_name from employees where salary>=4800;

select \*from employees where last\_name ='Austin';



select first\_name ,last\_name from employees where department\_id=60 or department\_id=70 or department\_id=80;

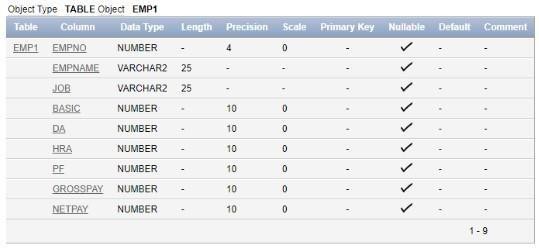


select distinct manager\_id from employees;

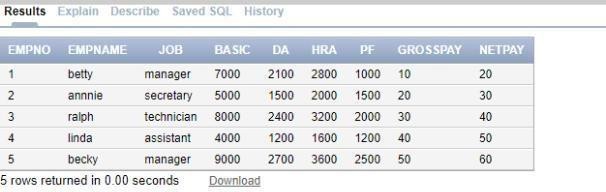


# 2B

create table emp1(empno number(4),empname varchar(25),job varchar(25),basic number(10),da number(10),hra number(10),pf number(10),grosspay number(10),netpay number(10));



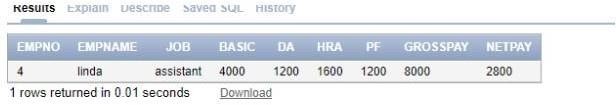
insert into emp1 values(1,&#39;betty&#39;,&#39;manager&#39;,7000,2100,2800,1000,10,20); insert into emp1 values(2,&#39;annnie&#39;,&#39;secretary&#39;,5000,1500,2000,1500,20,30); insert into emp1 values(3,&#39;ralph&#39;,&#39;technician&#39;,8000,2400,3200,2000,30,40); insert into emp1 values(4,&#39;linda&#39;,&#39;assistant&#39;,4000,1200,1600,1200,40,50); insert into emp1 values(5,&#39;becky&#39;,&#39;manager&#39;,9000,2700,3600,2500,50,60);



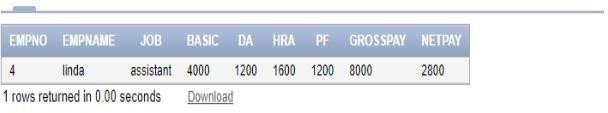
update emp1 set grosspay=basic+da+hra+ pf; set netpay=basic-pf;



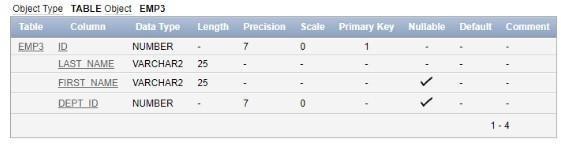
select \* from emp1 where basic=(select min(basic) from emp1);



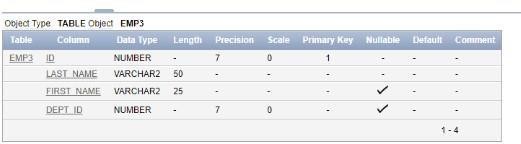
select \* from emp1 where netpay=(select min(netpay)from emp1);



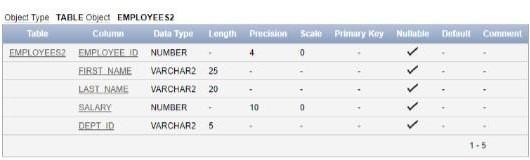
2C

create table emp3(id number(7) primary key not null,last\_name varchar2(25) not null,first\_name varchar2(25),dept\_id number(7));

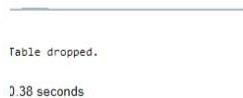
alter table emp3 modify last\_name varchar2(50);



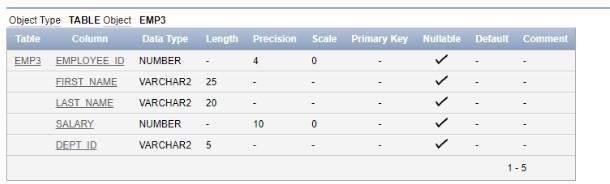
create table employees2(employee\_id number(4),first\_name varchar(25),last\_name varchar(20),salary number(10),dept\_id varchar(5));



drop table emp3;



alter table employees2 rename to emp3;



alter table emp3 drop column first\_name;

