Ex. No:2 Roll No: 230701389

Date:01/08/2024 Name: Yokeshwaran k

DATA MANIPULATIONS

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));

Column Name	Data Type	Nullable	Default	Primary Key
EMPLOYEE_ID	NUMBER(6,0)	Yes	-	-
FIRST_NAME	VARCHAR2(20)	Yes	<u>.</u>	-
LAST_NAME	VARCHAR2(25)	Yes	<u>=</u>	2
EMAIL	VARCHAR2(25)	Yes	-	=
PHONE_NUMBER	VARCHAR2(20)	Yes	5	=
HIRE_DATE	DATE	Yes	<u>.</u>	-
JOB_ID	VARCHAR2(10)	Yes		-
SALARY	NUMBER(8,2)	Yes	Ē	÷
COMMISSION_PCT	NUMBER(2,2)	Yes	-	-
MANAGER_ID	NUMBER(6,0)	Yes		-
DEPARTMENT_ID	NUMBER(4,0)	Yes	2	2
				1 - 11

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);

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
3	Ralph	Patel	rpatel@gmail.com	768403822	11/12/2000	13	5000	.25	101	40
4	George	Austin	geaustin@gmail.com	9573268191	09/10/2018	14	6000	.3	103	60
1	Ben	Chad	bchad@gmail.com	9493836325	04/07/2022	11	4500	.15	100	70
2	Bety	Dancs	bdancs@gmail.com	9763467298	09/05/2021	12	4800	.17	100	56
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;

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	SALARY
3	Ralph	Patel	5000
4	George	Austin	6000
1	Ben	Chad	4500
2	Bety	Dancs	4800
5	Audrey	Austin	7000

select *from employees where manager_id=100;

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	Ben	Chad	bchad@gmail.com	9493836325	04/07/2022	11	4500	.15	100	70
2	Bety	Dancs	bdancs@gmail.com	9763467298	09/05/2021	12	4800	.17	100	56

select first_name,last_name from employees where salary>=4800;

FIRST_NAME	LAST_NAME
Ralph	Patel
George	Austin
Bety	Dancs
Audrey	Austin

select *from employees where last_name ='Austin';

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
4	George	Austin	geaustin@gmail.com	9573268191	09/10/2018	14	6000	.3	103	60
5	Audrey	Austin	audaustin@gmail.com	9684357377	06/05/2017	15	7000	.35	104	80

select first_name ,last_name from employees where department_id=60 or department_id=70 or department_id=80;

FIRST_NAME	LAST_NAME
George	Austin
Ben	Chad
Audrey	Austin

select distinct manager_id from employees;

MANAGER_ID
100
101
104
103

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,'betty','manager',7000,2100,2800,1000,10,20); insert into emp1 values(2,'annnie','secretary',5000,1500,2000,1500,20,30); insert into emp1

values(3,'ralph','technician',8000,2400,3200,2000,30,40); insert into emp1 values(4,'linda','assistant',4000,1200,1600,1200,40,50); insert into emp1

values(5,'becky','manager',9000,2700,3600,2500,50,60);

EMPNO	EMPNAME	JOB	BASIC	DA	HRA	PF	GROSSPAY	NETPAY
	betty	manager	7000	2100	2800	1000	10	20
	annnie	secretary	5000	1500	2000	1500	20	30
	ralph	technician	8000	2400	3200	2000	30	40
	linda	assistant	4000	1200	1600	1200	40	50
5	becky	manager	9000	2700	3600	2500	50	60

update emp1 set

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

EMPNO	EMPNAME	JOB	BASIC	DA	HRA	PF	GROSSPAY	NETPAY
1	betty	manager	7000	2100	2800	1000	12900	6000
2	annnie	secretary	5000	1500	2000	1500	10000	3500
3	ralph	technician	8000	2400	3200	2000	15600	6000
ı	linda	assistant	4000	1200	1600	1200	8000	2800
5	becky	manager	9000	2700	3600	2500	17800	6500

select * from emp1 where

basic=(select min(basic) from emp1);

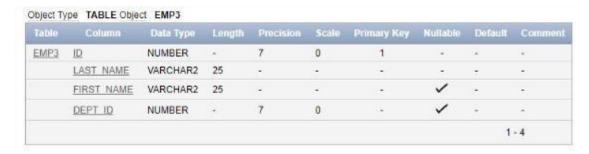


select * from emp1 where

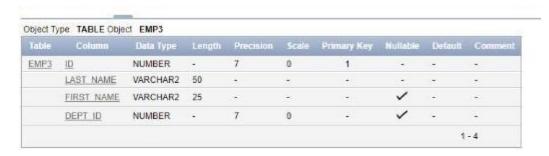
netpay=(select min(netpay)from emp1);

EMPNO	EMPNAME	JOB	BASIC	DA	HRA	PF	GROSSPAY	NETPAY
4	linda	assistant	4000	1200	1600	1200	8000	2800

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));

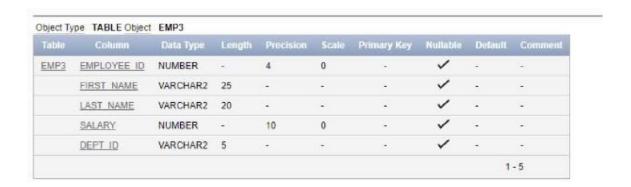


drop table emp3;

Table dropped.

D.38 seconds

alter table employees2 rename to emp3;



alter table emp3 drop column

first_name;

