

Assessment

- A. Create Employee table with columns (Id, Name, Joining_dt, Manager_id, Dept, salary)

Insert the data like below:

Id, Name, Joining_dt, Manager_id, Dept, salary

1, abc,01012021, 2, IT, 10000

2, bcd, 01012020,3,IT, 20000

3, dce, 01012020,4,Admin, 10000

4, xyz, 01012022,0,IT,20000

5, pqr,01012022,2,IT, 15000

Using the above table we need to compose query for selecting below results

Output 1:

Employee name , Manager_name

Employee_name, Manager_name

abc,bcd

bcd,dce

dce,xyz

xyz,-

pqr, bcd

Output 2:

We need to get manager , number of employee

Manager_name, Count of employee

bcd,2

dce,1

xyz,1

Output 3:

Highest paid employee of each department

Dept,Name,Salary

IT, BCD, 20000

IT, xyz, 20000

Admin, DCE, 10000

B. Create a table Account with columns ID, Name, Status, Tran_id, Tran_type(c,d), Tran_amt, Tran_dt

Insert data like below

ID, Name, Status, Tran_id, Tran_type(c,d), Tran_amt, Tran_dt

1,abc,act,1,c, 500,01012022

1,abc,act,2,c,500,02022022

1,abc,act,3,c,500,02032022

1,abc,act,2,d,500,02042022

1,abc,act,4,d,500,02052022

2,xyz,act,1,c, 500,01012022

2,xyz,act,2,c,500,02022022

3,pqr,act,3,c,500,02032022

3,pqr,act,2,c,1000,02042022

4,suv,act,4,c,1000,02042022

4,suv,act,4,d,500,02052022

Output 1:

Latest transaction of each account

1,abc,act,4,d,500,02052022

2,xyz,act,2,c,500,02022022

3,pqr,act,2,c,1000,02042022

4,suv,act,4,d,500,02052022

Output 2:

ID , sum(credit), sum(debit)

1, 1500,1000

2, 1000,0

3, 1500,0

4, 1000,500