



10/12/2022

ICT Lab 08

Abdullah Shafiq

22K-4489

TASK 01

Make Employee Table and insert given data.

```
create Table Data(  
    emp_id int,  
    emp_name char,  
    job_name char,  
    manager_id int,  
    hire_date varchar,  
    salary float,  
    comiision float,  
    dep_id int  
);
```

```
insert into Data(emp_id,emp_name,job_name,manager_id,hire_date,salary,comiision,dep_id)|  
values  
(68319,"KAYLING","PRESIDENT"," ","1991-11-18",6000.00," ",1001),  
(66928,"BLAZE","MANAGER",68319,"1991-05-01",2750.00," ",3001),  
(67832,"CLARE","MANAGER",68319,"1991-06-09",2550.00," ",1001),  
(65646,"JONAS","MANAGER",68319,"1991-04-02",2957.00," ",2001),  
(67858,"SCARLET","ANALYST",65646,"1997-04-19",3100.00," ",2001),  
(69062,"FRANK","ANALYST",65646,"1991-12-03",3100.00," ",2001),  
(63679,"SANDRINE","CLERK",69062,"1990-12-18",900.00," ",2001),  
(64989,"ADELYN","SALESMAN",66928,"1991-02-20",1700.00,400.00,3001),  
(65271,"WADE","SALESMAN",66928,"1991-02-22",1350.00,600.00,3001),  
(66564,"MADDEN","SALESMAN",66928,"1991-09-28",1350.00,1500.00,3001),  
(68454,"TUCKER","SALESMAN",66928,"1991-09-08",1600.00,0.00,3001),  
(68736,"ANDRES","CLERK",67858,"1995-05-23",1200.00," ",2001),  
(69000,"JULIUS","CLERK",66928,"1991-12-03",1050.00," ",3001),  
(69324,"MARKER","CLERK",67832,"1992-01-23",1400.00," ",1001);
```

TASK 02

Fetch all data where job name is manager.

```
select * from Data  
where job_name="MANAGER";
```

Output

emp_id	emp_name	job_name	manager_id	hire_date	salary	comiision	dep_id
66928	BLAZE	MANAGER	68319	1991-05-01	2750		3001
67832	CLARE	MANAGER	68319	1991-06-09	2550		1001
65646	JONAS	MANAGER	68319	1991-04-02	2957		2001

TASK 03

Arrange data in ascending order by salary if manager id is 66928.

```
select* from Data
where manager_id=66928
order by manager_id ASC
```

Output

emp_id	emp_name	job_name	manager_id	hire_date	salary	comiision
64989	ADELYN	SALESMAN	66928	1991-02-20	1700	400
65271	WADE	SALESMAN	66928	1991-02-22	1350	600
66564	MADDEN	SALESMAN	66928	1991-09-28	1350	1500
68454	TUCKER	SALESMAN	66928	1991-09-08	1600	0

TASK 04

Change table name Employee to Company_data.

```
ALTER TABLE Company_data
DROP column manager_id;
```

Company_data

emp_id	emp_name	job_name	hire_date	salary	comiis
68319	KAYLING	PRESIDENT	1991-11-18	6000	
66928	BLAZE	MANAGER	1991-05-01	2750	
67832	CLARE	MANAGER	1991-06-09	2550	
65646	JONAS	MANAGER	1991-04-02	2957	
67858	SCARLET	ANALYST	1997-04-19	3100	
69062	FRANK	ANALYST	1991-12-03	3100	

TASK 05

Delete manager_id column.

```
alter table Data  
drop column manager_id;
```

Data

emp_id	emp_name	job_name	hire_date	salary	comiss
68319	KAYLING	PRESIDENT	1991-11-18	6000	
66928	BLAZE	MANAGER	1991-05-01	2750	
67832	CLARE	MANAGER	1991-06-09	2550	
65646	JONAS	MANAGER	1991-04-02	2957	
67858	SCARLET	ANALYST	1997-04-19	3100	
69062	FRANK	ANALYST	1991-12-03	3100	
63679	SANDRINE	CLERK	1990-12-18	900	
64989	ADELYN	SALESMAN	1991-02-20	1700	400
65271	WADE	SALESMAN	1991-02-22	1350	600
66564	MADDEN	SALESMAN	1991-09-28	1350	1500
68454	TUCKER	SALESMAN	1991-09-08	1600	0