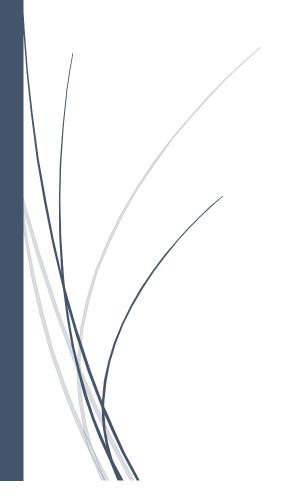
10/12/2022

ICT Lab 08

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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 is ascending order by salary if manager id is 66982.

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	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	
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