

Assignment-3

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➤ Create Table:

QUERY:

● DEPARTMENT TABLE

```
Create table Department(  
dept_id int not null primary key,  
dept_name nvarchar(40),  
);
```

● EMPLOYEE TABLE

```
create table Employee(  
emp_id int not null primary key,  
dept_id int not null,  
mngr_id int,  
emp_name nvarchar(50),  
salary money,  
foreign key (dept_id) references Department(dept_id),  
);
```

1. write a SQL query to find Employees who have the biggest salary in their Department

QUERY:

```
select emp_name as "employee name" , salary , dept_id  
from Employee where salary in (select max(salary) from Employee  
group by dept_id);
```

	employee name	salary	dept_id
1	Kayling	6000.00	1001
2	Blaze	2750.00	3001
3	Scarlet	3100.00	2001
4	Frank	3100.00	2001

2. write a SQL query to find Departments that have less than 3 people in it

QUERY:

```
select d.dept_name,count(emp_id) as 'total' from Employee e right  
outer join Department d on e.dept_id = d.dept_id group by  
d.dept_name having COUNT(emp_id) < 3;
```

	dept_name	total
1	FINANCE	2
2	PRODUCTION	0

3. write a SQL query to find All Department along with the number of people there

QUERY:

```
select d.dept_name,count(emp_id) as 'total' from Employee e right  
outer join Department d on e.dept_id = d.dept_id group by  
d.dept_name ;
```

	dept_name	total
1	AUDIT	5
2	FINANCE	2
3	MARKETING	6
4	PRODUCTION	0

4. write a SQL query to find All Department along with the total salary there.

QUERY:

```
select d.dept_name,isnull(sum(salary),0) as 'total salary' from  
Employee e right outer join Department d on e.dept_id = d.dept_id  
group by d.dept_name;
```

	dept_name	total salary
1	AUDIT	11257.00
2	FINANCE	8550.00
3	MARKETING	9800.00
4	PRODUCTION	0.00