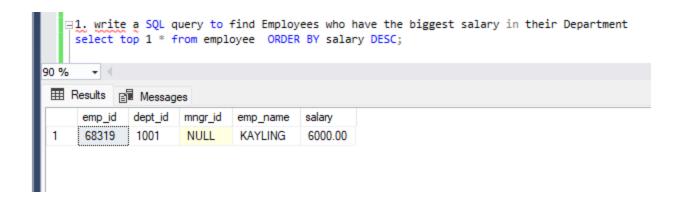
ASSIGNMENT 3

```
create table "employee"(
"emp id" int primary key,
"dept id" int.
"mngr_id" int ,
"emp name" varchar(20),
"salary" decimal(6,2)
)
 insert into employee (emp_id,emp_name,salary,dept_id) values (68319, 'KAYLING', 6000.00
,1001);
 insert into employee (emp_id,emp_name,mngr_id,salary,dept_id) values (66928, 'BLAZE_',
68319 , 2750.00 ,3001
 insert into employee (emp_id,emp_name,mngr_id,salary,dept_id) values (67832, 'CLARE
68319, 2550.00, 1001
                             );
 insert into employee (emp_id,emp_name,mngr_id,salary,dept_id) values (65646 ,'JONAS
68319, 2957.00, 2001
 insert into employee (emp_id,emp_name,mngr_id,salary,dept_id) values (67858 ,'SCARLET ',
65646 , 3100.00 ,2001
 insert into employee (emp_id,emp_name,mngr_id,salary,dept_id) values (69062 ,'FRANK ',
65646, 3100.00, 2001
 insert into employee (emp_id,emp_name,mngr_id,salary,dept_id) values (63679 ,'SANDRINE',
69062, 900.00,2001);
 insert into employee (emp_id,emp_name,mngr_id,salary,dept_id) values (64989 ,'ADELYN ',
66928 , 1700.00 ,3001
 insert into employee (emp_id,emp_name,mngr_id,salary,dept_id) values (65271 ,'WADE
66928 , 1350.00 ,3001
                             );
 insert into employee (emp_id,emp_name,mngr_id,salary,dept_id) values (66564 ,'MADDEN ',
66928, 1350.00, 3001
 insert into employee (emp_id,emp_name,mngr_id,salary,dept_id) values (68454 ,'TUCKER ',
66928 , 1600.00 ,3001
                             );
 insert into employee (emp_id,emp_name,mngr_id,salary,dept_id) values (68736 ,'ADNRES ',
67858 , 1200.00 ,2001
 insert into employee (emp_id,emp_name,mngr_id,salary,dept_id) values (69000, 'JULIUS',
66928, 1050.00, 3001
                             );
 insert into employee (emp_id,emp_name,mngr_id,salary,dept_id) values (69324 ,'MARKER ',
67832 , 1400.00 ,1001
                             );
 create table department(
dept_id int primary key,
dept_name varchar(20)
  insert into department(dept_id, dept_name) values (1001, FINANCE_');
```

```
insert into department(dept_id, dept_name) values (2001,'AUDIT ');
  insert into department(dept_id, dept_name) values (3001, 'MARKETING');
  insert into department(dept_id, dept_name) values (4001, 'PRODUCTION');
 PRESIDENT
 MANAGER
 MANAGER
 MANAGER
ANALYST
ANALYST
 CLERK
 SALESMAN
 SALESMAN
 SALESMAN
 SALESMAN
 CLERK
 CLERK
 CLERK
USE [assignment tatvasoft]
GO
SELECT [emp_id]
   ,[dept_id]
   ,[mngr_id]
   ,[emp_name]
   ,[salary]
 FROM [dbo].[employee]
GO
USE [assignment_tatvasoft]
GO
SELECT [dept_id]
   ,[dept_name]
 FROM [dbo].[department]
GO
```

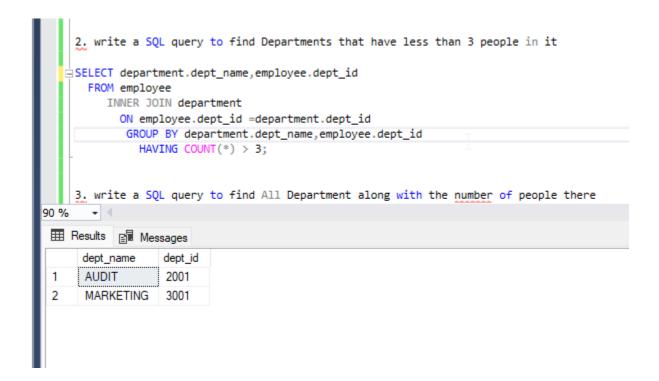
1. write a SQL query to find Employees who have the biggest salary in their Department select top 1 * from employee ORDER BY salary DESC;



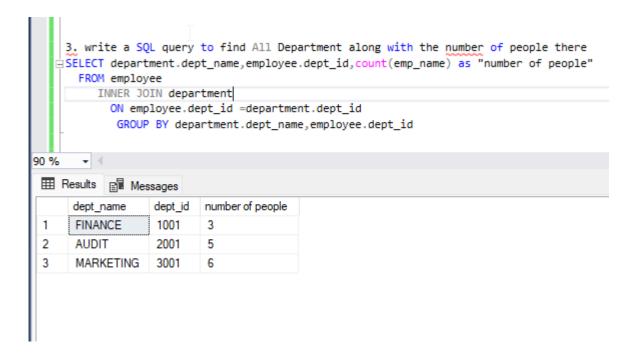
2. write a SQL guery to find Departments that have less than 3 people in it

HAVING COUNT(*) > 3;

SELECT department.dept_name,employee.dept_id,count(emp_name),SUM(salary)
FROM employee
INNER JOIN department
ON employee.dept_id =department.dept_id
GROUP BY department.dept_name,employee.dept_id



3. write a SQL query to find All Department along with the number of people there SELECT department.dept_name,employee.dept_id,count(emp_name) as "number of people" FROM employee INNER JOIN department ON employee.dept_id =department.dept_id GROUP BY department.dept_name,employee.dept_id



4. write a SQL query to find All Department along with the total salary there SELECT department.dept_name,employee.dept_id,count(emp_name)as "number of people",SUM(salary) "total of salary"

FROM employee

INNER JOIN department

ON employee.dept_id =department.dept_id

GROUP BY department.dept name,employee.dept id

