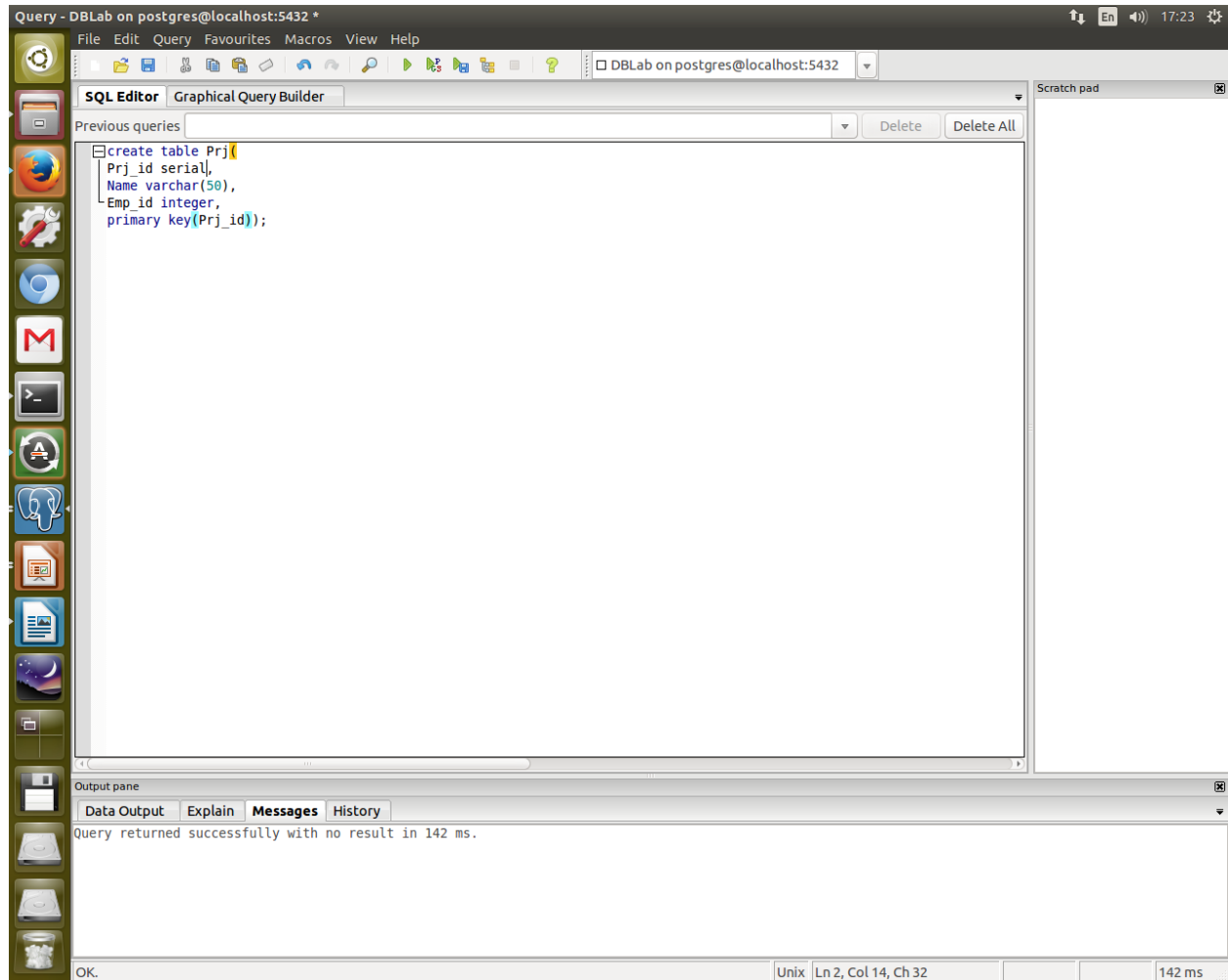


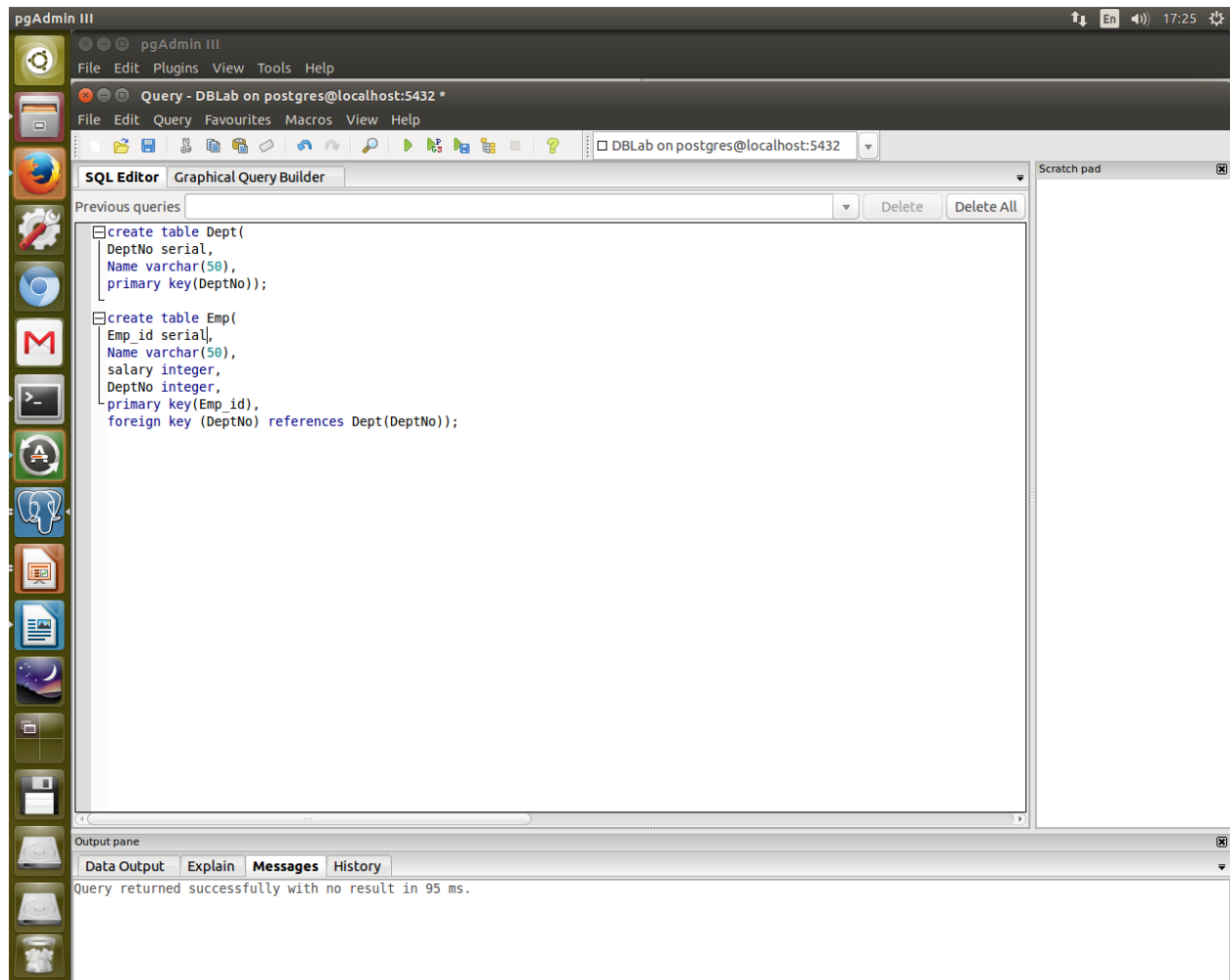
به نام خدا

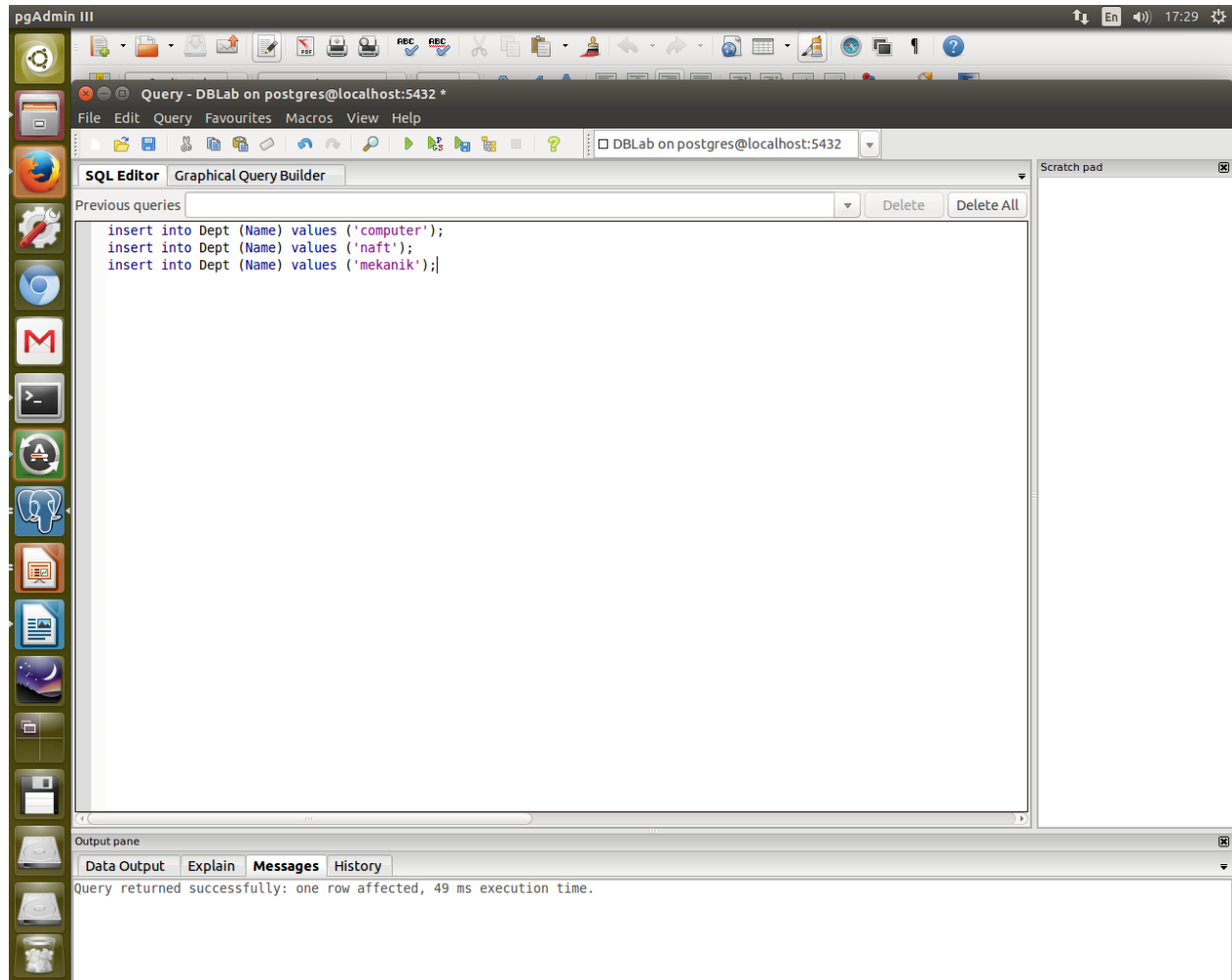
محمد مهدی آقاجانی

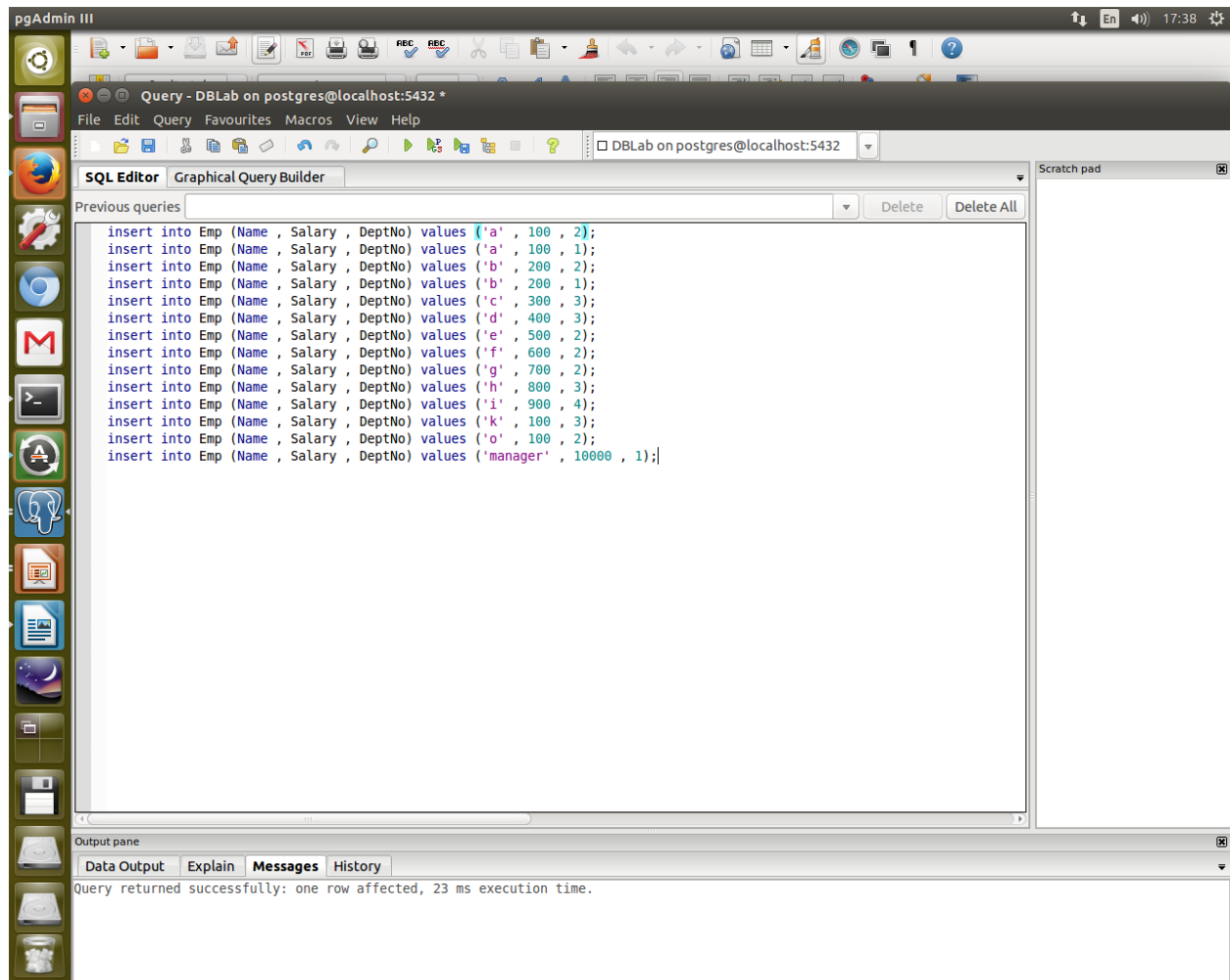
گزارش سوم

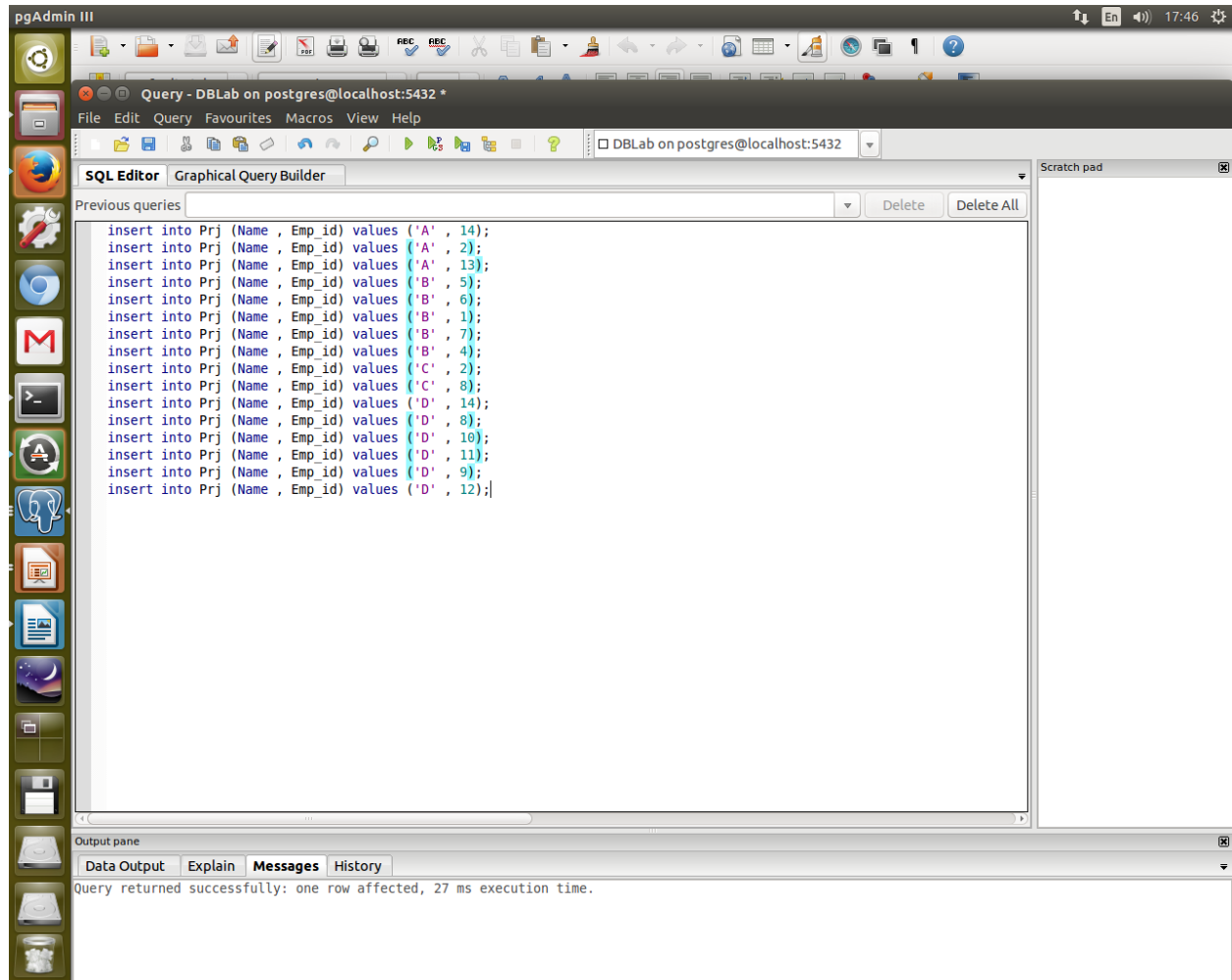
در ابتدا نحوه ساختن جدول ها را مشاهده میکنیم :











حال کویری ها را برای سوال های داده شده مشاهده میکنیم :

pgAdmin III

Query - DBLab on postgres@localhost:5432 \*

File Edit Query Favourites Macros View Help

DBLab on postgres@localhost:5432

SQL Editor Graphical Query Builder

Previous queries [Delete] [Delete All]

```

select Emp.Emp_id , Emp.name , Emp.salary , Dept.Name , Prj.Name from Emp inner join Prj on Emp.Emp_id = Prj.Emp_id
inner join Dept on Dept.DeptNo = Emp.DeptNo;

select distinct name from Prj ;

select count(*) , Name from Prj group by name
having count(*) < 4;

select sum(Salary) from Prj inner join Emp on Prj.Emp_id = Emp.Emp_id where Prj.Name = 'B';

select Prj.Name , avg(Salary) from Prj inner join Emp on Prj.Emp_id = Emp.Emp_id group by Prj.Name;

select Dept.Name , max(salary) as highest_salary , min(salary) as lowest_salary from Emp inner join Dept on Dept.DeptNo
select Emp.Name from Prj inner join Emp on Prj.Emp_id = Emp.Emp_id where Prj.Name = 'D' order by Emp.Name ASC limit 3;
select Emp.Name , Emp.Salary from Prj inner join Emp on Emp.Emp_id = Prj.Emp_id where Prj.Name = 'B' order by Emp.salary
select Prj.Name from Prj inner join Emp on Prj.Emp_id = Emp.Emp_id where Emp.Name = 'manager';
select Emp.* from Emp inner join Dept on Dept.DeptNo = Emp.DeptNo where Dept.DeptNo = 1 or Dept.DeptNo = 3;

```

Output pane

Data Output Explain Messages History

	emp_id integer	name character varying(50)	salary integer	deptno integer
1	2	a	100	1
2	4	b	200	1
3	5	c	300	3
4	6	d	400	3
5	10	h	800	3
6	12	k	100	3
7	14	manager	10000	1