

1

```
mysql> select dept_name, count(ID) as NoOfInstructors
-> from instructor
-> group by dept_name;
```

dept_name	NoOfInstructors
Accounting	4
Astronomy	1
Athletics	5
Biology	2
Comp. Sci.	2
Cybernetics	4
Elec. Eng.	4
English	4
Finance	1
Geology	1
Languages	3
Marketing	4
Mech. Eng.	2
Physics	2
Pol. Sci.	3
Psychology	2
Statistics	6

2

```
mysql> select name
-> from instructor
-> where salary > some
->
-> (select salary
-> from instructor
-> where dept_name = 'Biology');
```

name
Bawa
Yazdi
Wieland
DAgostino
Liley

3

```
mysql> select name
-> from instructor
-> where salary > all
->
-> (select salary
-> from instructor
-> where dept_name = 'Biology');
```

name
Yazdi
Wieland
Liley
Atanassov
Gustafsson

4

```
mysql> select dept_name
-> from instructor
-> group by dept_name
-> having avg(salary) > some
->
-> (select avg(salary)
-> from instructor
-> group by dept_name);
```

dept_name
Astronomy
Athletics
Biology
Comp. Sci.

5

```
mysql> select ID, name, avg(salary) as AverageSalary
-> from instructor
-> group by dept_name
-> having avg(salary) > 42000;
```

ID	name	AverageSalary
14365	Lembr	48716.592500
43779	Romero	79070.080000
15347	Bawa	77098.198000
80759	Queiroz	61287.250000
3335	Bourrier	98133.470000

