

Databases - Lab 4

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1 Aula 2 join: exercises 2.3.x

1.1

```
select emp.nome, emp.funcao, dep.nome
from emp
join dep on dep.ndep=emp.ndep
order by 3,1
```

1.2 *

```
select emp.nome, emp.sal, dep.ndep, dep.nome
from emp,dep
where emp.ndep = dep.ndep
and emp.nome like 'A% R%'
```

1.3

```
select emp.nome, emp.sal, dep.ndep, dep.nome,dep.local
from emp,dep
where emp.ndep = dep.ndep
and sal<150000
```

1.4 **

```
select distinct funcao, escalao
from emp, descontos
where sal between salinf and salsup
order by 2,1
```

1.5

```
select nome, funcao,sal
from emp, descontos
where sal between salinf and salsup
```

```
and escalao=4
order by 2,1
```

1.6

```
select emp.nome, funcao,sal, dep.nome
from emp, descontos,dep
where sal between salinf and salsup
and escalao=4
and emp.ndep=dep.ndep
order by 2,1
```

1.7

Ta wersja byla jakas bardziej intuicyjna do napisania. Jest jednak wolniesz. Nie boli nas

```
select emp.nome, funcao,sal, dep.local
from emp,dep
where emp.ndep=dep.ndep
and sal>150000
and dep.local = 'Coimbra'
2 sposob:
```

```
select emp.nome, funcao, sal, local
from emp join dep on (emp.ndep = dep.ndep)
where local = 'Coimbra' and sal > 150000
```

1.8

```
select emp.nome, emp.funcao,emp.sal, dep.nome
from emp,dep
where emp.ndep = dep.ndep
and funcao != 'Continuo'
order by 3 DESC
```

```
select emp.nome, emp.funcao,emp.sal, dep.nome
from emp,dep,descontos
where emp.sal between salinf and salsup
and emp.ndep = dep.ndep
and funcao <> 'Continuo'
order by 3 DESC
```

1.9 **

a

1.10

```
select empENCAR.nome, empSUB.nome  
from emp as empENCAR, emp as empSUB  
where empENCAR.encar = empSUB.nemp  
order by 2
```