

1. Tampilkan banyaknya country_id dari masing-masing region_id pada tabel countries.

Script:

```
select    region_id,  
          count(country_id) as country_id  
from datasource.countries  
group by 1  
order by 1
```

```
select    region_id,  
          count(country_id) as country_id  
from datasource.countries  
group by 1  
order by 1
```

countries 1	
select region_id, count(country_id) as c	
region_id	country_id
1	8
2	5
3	6
4	6

2. Tampilkan first_name, last_name, department_name, city, state_province, dan country_name karyawan yang berasal dari Jerman.

Script:

```
with location as
(
select state_province,
       country_name,
       city,
       location_id,
       country.country_id
from datasource.locations location
left join datasource.countries country
on location.country_id = country.country_id
)
,
department as
(
select department_id,
       department_name,
       location.*
from datasource.departments dept
left join location
on dept.location_id = location.location_id
)
select first_name,
       last_name,
       department_name,
       city,
       state_province,
       country_name
from datasource.employees emp
left join department dept
on emp.department_id = dept.department_id
where country_id = 'DE'
```

```

with location as
(
select  state_province,
        country_name,
        city,
        location_id,
        country.country_id
from datasource.locations location
left join datasource.countries country
on location.country_id = country.country_id
)
,
department as
(
select  department_id,
        department_name,
        location.*
from datasource.departments dept
left join location
on dept.location_id = location.location_id
)
select  first_name,
        last_name,
        department_name,
        city,
        state_province,
        country_name
from datasource.employees emp
left join department dept
on emp.department_id = dept.department_id
where country_id = 'DE'

```

Result:

location as (select state_province, cc |[⌘] Enter a SQL expression to filter results (use Ctrl+Space)

first_name	last_name	department_name	city	state_province	country_name
Hermann	Baer	Public Relations	Munich	Bavaria	Germany