

RADIF RAMADAN

LATIHAN DAY_6 SQL (Day 13)

JOIN

1. Tampilkan 10 kota dengan populasi terbesar beserta nama negaranya, urutkan berdasarkan populasinya dari yang terbesar!

```
1 • select city.name as nama_kota , country.name as negara, city.Population
2   from country
3  join city on country.Code = city.CountryCode
4  order by 3 Desc
5  limit 10
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
nama_kota	negara	Population	
Mumbai (Bombay)	India	10500000	
Seoul	South Korea	9981619	
São Paulo	Brazil	9968485	
Shanghai	China	9696300	
Jakarta	Indonesia	9604900	
Karachi	Pakistan	9269265	
Istanbul	Turkey	8787958	
Ciudad de México	Mexico	8591309	
Moscow	Russian Federation	8389200	
New York	United States	8008278	

2. Tampilkan GNP negara Belanda (Netherlands), ibukota, beserta populasi dari ibukotanya!

```
1 • select country.name as negara, GNP, city.name as nama_kota, city.Population
2   from country
3  join city on country.Code = city.CountryCode
4  where country.name = 'Netherlands' and city.ID = country.Capital
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
negara	GNP	nama_kota	Population
Netherlands	371362.00	Amsterdam	731200

3. Tampilkan 10 negara yang memiliki persentase pemakai bahasa spanyol paling tinggi!

```
1 • select country.name as negara, countrylanguage.Percentage
2   from country
3  join countrylanguage on country.Code = countrylanguage.CountryCode
4  where Language = 'Spanish'
5  order by 2 DESC
6  limit 10
```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	negara	Percentage		IA
▶	Cuba	100.0		
	El Salvador	100.0		
	Colombia	99.0		
	Dominican Republic	98.0		
	Nicaragua	97.6		
	Costa Rica	97.5		
	Honduras	97.2		
	Venezuela	96.9		
	Argentina	96.8		
	Uruguay	95.7		

4. Tampilkan GNP negara Indonesia, ibukota, populasi dari ibukotanya dan bahasa resmi yang dipakai!

```
1 • select country.name as negara, GNP, city.name as nama_kota, city.Population, countrylanguage.Language
2   from country
3  join countrylanguage on country.Code = countrylanguage.CountryCode
4  join city on country.Code = city.CountryCode
5  where country.name = 'Indonesia' and city.ID = country.Capital and countrylanguage.IsOfficial = 'T'
6
```

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	negara	GNP	nama_kota	Population	Language
▶	Indonesia	84982.00	Jakarta	9604900	Malay

SUBQUERY

1. Tampilkan benua dengan jumlah negara lebih dari jumlah negara di benua North America!

```
1  select country.continent, COUNT(country.continent) as jumlah_negara
2  from country
3  group by 1
4  having COUNT(country.continent) > (
5      select COUNT(country.continent)
6      from country
7      where country.continent = 'North America')
```

Result Grid

	continent	jumlah_negara
▶	Asia	51
	Africa	58
	Europe	46

2. Tampilkan negara di Asia dengan GNP di atas rata-rata GNP negara-negara di benua Eropa, diurutkan dari yang terbesar!



```
1  •  select country.name as nama, GNP
2  from country
3  where Continent = 'Asia' and GNP >
4      (select avg(GNP)
5       from country where Continent = 'Europe')
6  Order by 2 desc
```

Result Grid

	nama	GNP
▶	Japan	3787042.00
	China	982268.00
	India	447114.00
	South Korea	320749.00
	Taiwan	256254.00
	Turkey	210721.00

3. Tampilkan benua berakhiran huruf 'a' dengan jumlah region lebih dari jumlah region benua Asia!

```
1 • select count(Distinct country.region) as jumlah_region, country.Continent
2   from country
3   where continent like '%a'
4   group by 2
5   having count(distinct country.region) >
6     (select count(distinct country.region)
7      from country where Continent = 'Asia')
```

<		
Result Grid		
Filter Rows: <input type="text"/>		
Export:  Wrap Cell Content: 		
	jumlah_region	Continent
▶	5	Africa
	5	Oceania