





Benjamin Nikholas Partomuan

Tugas 13 – 28 Mei 2024

JOIN																																															
No	Soal	Query	Output																																												
1	Tampilkan 10 kota dengan populasi terbesar beserta nama negaranya, urutkan berdasarkan populasinya dari yang terbesar!	<pre>select city.Name as nama_kota, c.Name as Negara, city.Population from country as c left join city on c.Code = city.CountryCode order by city.Population desc limit 10;</pre>	<div>Result Grid Filter Rows: <input type="text"/> Export: Wrap Cell Content: </div> <table><thead><tr><th></th><th>nama_kota</th><th>Negara</th><th>Population</th></tr></thead><tbody><tr><td>▶</td><td>Mumbai (Bombay)</td><td>India</td><td>10500000</td></tr><tr><td></td><td>Seoul</td><td>South Korea</td><td>9981619</td></tr><tr><td></td><td>São Paulo</td><td>Brazil</td><td>9968485</td></tr><tr><td></td><td>Shanghai</td><td>China</td><td>9696300</td></tr><tr><td></td><td>Jakarta</td><td>Indonesia</td><td>9604900</td></tr><tr><td></td><td>Karachi</td><td>Pakistan</td><td>9269265</td></tr><tr><td></td><td>Istanbul</td><td>Turkey</td><td>8787958</td></tr><tr><td></td><td>Ciudad de México</td><td>Mexico</td><td>8591309</td></tr><tr><td></td><td>Moscow</td><td>Russian Federation</td><td>8389200</td></tr><tr><td></td><td>New York</td><td>United States</td><td>8008278</td></tr></tbody></table>		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
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2	Tampilkan GNP negara Belanda (Netherlands), ibukota, beserta populasi dari ibukotanya!	<pre>select c.Name as Negara, c.GNP, city.Name as Capital, city.Population from country as c left join city on c.Capital = city.ID where (c.Name = 'Netherlands');</pre>	<div>Result Grid Filter Rows: <input type="text"/> Export: Wrap Cell Content: </div> <table><tr><th></th><th>Negara</th><th>GNP</th><th>Capital</th><th>Population</th></tr><tr><td>▶</td><td>Netherlands</td><td>371362.00</td><td>Amsterdam</td><td>731200</td></tr></table>		Negara	GNP	Capital	Population	▶	Netherlands	371362.00	Amsterdam	731200																							
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3	Tampilkan 10 negara yang memiliki persentase pemakai bahasa spanyol paling tinggi!	<pre>select c.Name as Negara, cl.percentage as Persentase from country as c left join countrylanguage as cl on c.Code = cl.CountryCode where cl.Language = 'Spanish' order by cl.Percentage desc limit 10;</pre>	<div>Result Grid Filter Rows: <input type="text"/> Export: Wrap Cell Content: </div> <table><tr><th></th><th>Negara</th><th>Persentase</th></tr><tr><td>▶</td><td>Cuba</td><td>100.0</td></tr><tr><td></td><td>El Salvador</td><td>100.0</td></tr><tr><td></td><td>Colombia</td><td>99.0</td></tr><tr><td></td><td>Dominican Republic</td><td>98.0</td></tr><tr><td></td><td>Nicaragua</td><td>97.6</td></tr><tr><td></td><td>Costa Rica</td><td>97.5</td></tr><tr><td></td><td>Honduras</td><td>97.2</td></tr><tr><td></td><td>Venezuela</td><td>96.9</td></tr><tr><td></td><td>Argentina</td><td>96.8</td></tr><tr><td></td><td>Uruguay</td><td>95.7</td></tr></table>		Negara	Persentase	▶	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
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4	Tampilkan GNP negara Indonesia, ibukota, populasi dari ibukotanya dan bahasa resmi yang dipakai!	<pre>select c.Name as Negara, c.GNP, city.Name as Capital, city.Population from country as c left join city on c.Capital = city.ID where (c.Name = 'Indonesia');</pre>	<div>Result Grid   Filter Rows: <input type="text"/> Export:  Wrap Cell Content: </div> <table><tr><th></th><th>Negara</th><th>GNP</th><th>Capital</th><th>Population</th></tr><tr><td>▶</td><td>Indonesia</td><td>84982.00</td><td>Jakarta</td><td>9604900</td></tr></table>		Negara	GNP	Capital	Population	▶	Indonesia	84982.00	Jakarta	9604900
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SUBQUERY																								
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1	Tampilkan benua dengan jumlah negara lebih dari jumlah negara di benua North America!	<pre>select Continent, count(Name) as jumlah_negara from country group by Continent having jumlah_negara > (select count(*) from country where Continent = 'North America');</pre>	<div>Result Grid Filter Rows: <input type="text"/> Export: Wrap Cell Content: </div> <table><tr><th></th><th>Continent</th><th>jumlah_negara</th></tr><tr><td>▶</td><td>Asia</td><td>51</td></tr><tr><td></td><td>Africa</td><td>58</td></tr><tr><td></td><td>Europe</td><td>46</td></tr></table>		Continent	jumlah_negara	▶	Asia	51		Africa	58		Europe	46									
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2	Tampilkan negara di Asia dengan GNP di atas rata-rata GNP negara-negara di benua Eropa, diurutkan dari yang terbesar!	<pre>select name, GNP from country where (GNP > (select avg(GNP) from country where Continent = 'Europe')) & (Continent = 'Asia') order by GNP desc;</pre>	<div>Result Grid Filter Rows: <input type="text"/> Export: Wrap Cell Content: </div> <table><tr><th></th><th>name</th><th>GNP</th></tr><tr><td>▶</td><td>Japan</td><td>3787042.00</td></tr><tr><td></td><td>China</td><td>982268.00</td></tr><tr><td></td><td>India</td><td>447114.00</td></tr><tr><td></td><td>South Korea</td><td>320749.00</td></tr><tr><td></td><td>Taiwan</td><td>256254.00</td></tr><tr><td></td><td>Turkey</td><td>210721.00</td></tr></table>		name	GNP	▶	Japan	3787042.00		China	982268.00		India	447114.00		South Korea	320749.00		Taiwan	256254.00		Turkey	210721.00
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3

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

```
select
    count(distinct Region) as jumlah_region,
    Continent
from country
where
    Continent like '%a'
group by Continent
having
    count(distinct Region) > (
        select count(distinct Region)
        from country
        where Continent = 'Asia'
    );
```

Result Grid   Filter Rows: Export:  Wrap Cell Content: 

	jumlah_region	Continent
▶	5	Africa
	5	Oceania