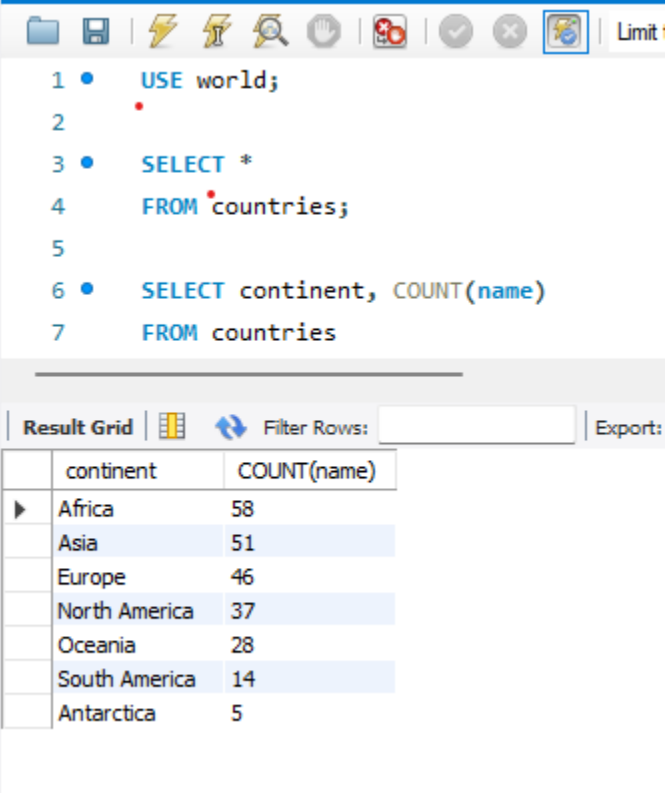


MySQL Workbench Queries(Core)

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1.



The screenshot shows the MySQL Workbench interface. The top toolbar includes icons for file operations, execution, and navigation. The SQL editor contains two queries:

```
1 • USE world;  
2  
3 • SELECT *  
4   FROM countries;  
5  
6 • SELECT continent, COUNT(name)  
7   FROM countries
```

Below the editor, the 'Result Grid' tab is active, displaying the results of the second query. The results are shown in a table with two columns: 'continent' and 'COUNT(name)'. The rows are sorted by the count in descending order.

	continent	COUNT(name)
▶	Africa	58
	Asia	51
	Europe	46
	North America	37
	Oceania	28
	South America	14
	Antarctica	5

2.

The screenshot shows a SQL IDE interface with two tabs: "SQL File 3*" and "SQL File 4* x". The active tab "SQL File 4*" contains a SQL query. The query is as follows:

```
13
14 • SELECT c.name, l.language, l.percentage
15 FROM languages AS l
16 INNER JOIN cities AS c
17 ON l.country_code = c.country_code
18 WHERE language = 'Greek'
19 ORDER BY percentage DESC;
```

Below the query editor, there is a toolbar with icons for file operations, a "Limit to 1000 rows" dropdown, and a "Result Grid" button. The "Result Grid" is currently selected, displaying the query results in a table format. The table has four columns: "name", "language", and "percentage". The results are sorted by "percentage" in descending order.

	name	language	percentage
▶	Athenai	Greek	98.5
	Thessaloniki	Greek	98.5
	Pireus	Greek	98.5
	Patras	Greek	98.5
	Peristerion	Greek	98.5
	Herakleion	Greek	98.5
	Kallithea	Greek	98.5
	Larisa	Greek	98.5
	Nicosia	Greek	74.1
	Limassol	Greek	74.1
	Tirana	Greek	1.8
	Sydney	Greek	1.6
	Melbourne	Greek	1.6

3.

SQL File 3* SQL File 4* x

Limit to 1000 rows

```
21 WHERE language = 'Greek'
22 ORDER BY percentage DESC;
23
24 • SELECT name, surface_area, population
25 FROM countries
26 WHERE surface_area < 1000 OR population > 1000000000;
27
```

Result Grid Filter Rows: Export: Wrap Cell Content:

	name	surface_area	population
▶	Aruba	193.00	103000
	Anguilla	96.00	8000
	Andorra	468.00	78000
	Netherlands Antilles	800.00	217000
	American Samoa	199.00	68000
	Antigua and Barbuda	442.00	68000
	Bahrain	694.00	617000
	Bermuda	53.00	65000
	Barbados	430.00	270000
	Bouvet Island	59.00	0
	Cocos (Keeling) Isla...	14.00	600
	China	9572900.00	1277558...
	Cook Islands	236.00	20000

4.



27

28 • `SELECT name, government_form, life_expectancy`

29 `FROM countries`

30 `WHERE government_form = 'Federal Republic' AND life_expectancy < 75;`

31

Result Grid			
Filter Rows: <input type="text"/>			
Export:  Wrap Cell Content: 			
	name	government_form	life_expectancy
▶	Azerbaijan	Federal Republic	62.9
	Bosnia and Herzegovina	Federal Republic	71.5
	Brazil	Federal Republic	62.9
	Micronesia, Federated States of	Federal Republic	68.6
	India	Federal Republic	62.5
	Madagascar	Federal Republic	55.0
	Mexico	Federal Republic	71.5
	Nigeria	Federal Republic	51.6
	Russian Federation	Federal Republic	67.2
	Venezuela	Federal Republic	73.1
	Yugoslavia	Federal Republic	72.4

5.

```
32 • SELECT c.name country, cities.name city, cities.district, cities.population
33 FROM countries AS c
34 JOIN cities
35 ON c.code = cities.country_code
36 WHERE cities.district = 'Veracruz' and cities.population > 100000;
```

Result Grid					Filter Rows:		Export:	Wrap Cell Content:
	country	city	district	population				
▶	Mexico	Temapache	Veracruz	102824				
	Mexico	Orizaba	Veracruz	118488				
	Mexico	Martínez de la Torre	Veracruz	118815				
	Mexico	Tlaxpam	Veracruz	126475				
	Mexico	San Andrés Tuxtla	Veracruz	142251				
	Mexico	Poza Rica de Hidalgo	Veracruz	152678				
	Mexico	Minatitlán	Veracruz	152983				
	Mexico	Papantla	Veracruz	170123				
	Mexico	Córdoba	Veracruz	176952				
	Mexico	Coatzacoalcos	Veracruz	267037				
	Mexico	Xalapa	Veracruz	390058				
	Mexico	Veracruz	Veracruz	457119				

6.

```
38 • SELECT c.name country, cities.name city, cities.population
39 FROM countries AS c
40 JOIN cities
41 ON c.code = cities.country_code
42 WHERE c.name = 'Brazil'
43 ORDER BY (population)
44 LIMIT 10;
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:	Fetch
	country	city	population	
▶	Brazil	Águas Lindas de Goiás	89200	
	Brazil	Poá	89236	
	Brazil	Bento Gonçalves	89254	
	Brazil	Barra do Piraí	89388	
	Brazil	Palhoça	89465	
	Brazil	Corumbá	90111	
	Brazil	Ituiutaba	90507	
	Brazil	Patos	90519	
	Brazil	Campo Largo	91203	
	Brazil	Votorantim	91777	

7.

```
38 • SELECT c.name country, language, percentage
39 FROM countries AS c
40 JOIN languages
41 ON c.code = languages.country_code
42 WHERE c.name = 'Monaco' AND percentage > 10
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:	Fetch
	country	language	percentage	
▶	Monaco	French	41.9	
	Monaco	Italian	16.1	
	Monaco	Monegasque	16.1	