

```

sh-4.2$ sudo su
[root@ip-10-1-11-244 bin]# cd /home/ec2-user/
[root@ip-10-1-11-244 ec2-user]# mysql -u root --password='re:St@rt!9'
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 14
Server version: 10.6.15-MariaDB MariaDB Server

```

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
MariaDB [(none)]> SHOW DATABASES;
```

```

+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
| world |
+-----+

```

5 rows in set (0.002 sec)

```

+-----+
| Code | Name | GNPold | LocalName | Continent | Region | GovernmentForm | SurfaceArea | IndepYear | Population | LifeExpect |
| ancy | GNP | Capital | Code2 | | | | | | | HeadOfState |
+-----+
+-----+
| ABW | Aruba | 828.00 | 793.00 | Aruba | North America | Caribbean | 193.00 | NULL | 103000 | |
78.4 | | | 129 | AW | | Nonmetropolitan Territory of The Netherlands | Beatrix |
| AFG | Afghanistan | 5976.00 | NULL | Afganistan/Afqanestan | Asia | Southern and Central Asia | 652090.00 | 1919 | 22720000 | |
45.9 | | | 1 | AF | | Islamic Emirate | Mohammad Omar |
| AGO | Angola | 6648.00 | 7984.00 | Angola | Africa | Central Africa | 1246700.00 | 1975 | 12878000 | |
38.3 | | | 56 | AO | | Republic | Joaão Eduardo dos Sa |
| ATA | Anguilla | 63.20 | NULL | Anguilla | North America | Caribbean | 96.00 | NULL | 8000 | |
76.1 | | | 62 | AI | | Dependent Territory of the UK | Elisabeth II |
| ALB | Albania | 3205.00 | 2500.00 | Shqipëria | Europe | Southern Europe | 28748.00 | 1912 | 3401200 | |
71.6 | | | 34 | AL | | Republic | Rexhep Mejdani |
| AND | Andorra | 1630.00 | NULL | Andorra | Europe | Southern Europe | 468.00 | 1278 | 78000 | |
83.5 | | | 55 | AD | | Parliamentary Coprincipality | |
| ANT | Netherlands Antilles | 1941.00 | NULL | Nederlandse Antillen | North America | Caribbean | 800.00 | NULL | 217000 | |
74.7 | | | 33 | AN | | Nonmetropolitan Territory of The Netherlands | Beatrix |
| ARE | United Arab Emirates | 37966.00 | 36846.00 | Al-Imarat al-ʿArabiya al-Muttahida | Asia | Middle East | 83600.00 | 1971 | 2441000 | |
74.1 | | | 65 | AE | | Emirate Federation | Zayid bin Sultan al- |
Nahayan |

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+-----+
| WLF | Wallis and Futuna | 3537 | VU | | Oceania | Polynesia | 200.00 | NULL | 15000 | |
NULL | 0.00 | | 3536 | WF | | Nonmetropolitan Territory of France | Jacques Chirac |
| WSM | Samoa | 141.00 | 157.00 | Samoa | Oceania | Polynesia | 2831.00 | 1962 | 180000 | |
69.2 | | | 3169 | WS | | Parlementary Monarchy | Malietoa Tanumafili |
| YEM | Yemen | 6041.00 | 5729.00 | Al-Yaman | Asia | Middle East | 527968.00 | 1918 | 18112000 | |
59.8 | | | 1780 | YE | | Republic | Ali Abdallah Salih |
| YUG | Yugoslavia | 17000.00 | NULL | Jugoslaviya | Europe | Southern Europe | 102173.00 | 1918 | 10640000 | |
72.4 | | | 1792 | YU | | Federal Republic | Vojislav Koštunica |
| ZAF | South Africa | 116729.00 | 129092.00 | South Africa | Africa | Southern Africa | 1221037.00 | 1910 | 40377000 | |
51.1 | | | 716 | ZA | | Republic | Thabo Mbeki |
| ZMB | Zambia | 3377.00 | 3922.00 | Zambia | Africa | Eastern Africa | 752618.00 | 1964 | 9169000 | |
37.2 | | | 3162 | ZM | | Republic | Frederick Chiluba |
| ZWE | Zimbabwe | 5951.00 | 8670.00 | Zimbabwe | Africa | Eastern Africa | 390757.00 | 1980 | 11669000 | |
37.8 | | | 4068 | ZW | | Republic | Robert G. Mugabe |
+-----+
+-----+
239 rows in set (0.001 sec)

```

```
MariaDB [(none)]> SELECT Name, Capital, Region, SurfaceArea, Population FROM world.country WHERE Population >= 50000000 AND Population <= 100000000;
```

Name	Capital	Region	SurfaceArea	Population
Congo, The Democratic Republic of the	2298	Central Africa	2344858.00	51654000
Germany	3068	Western Europe	357022.00	82164700
Egypt	608	Northern Africa	1001449.00	68470000
Ethiopia	756	Eastern Africa	1104300.00	62565000
France	2974	Western Europe	551500.00	59225700
United Kingdom	456	British Islands	242900.00	59623400
Iran	1380	Southern and Central Asia	1648195.00	67702000
Italy	1464	Southern Europe	301316.00	57680000
Mexico	2515	Central America	1958201.00	98881000
Philippines	766	Southeast Asia	300000.00	75967000
Thailand	3320	Southeast Asia	513115.00	61399000
Turkey	3358	Middle East	774815.00	66591000
Ukraine	3426	Eastern Europe	603700.00	50456000
Vietnam	3770	Southeast Asia	331689.00	79832000

```
14 rows in set (0.000 sec)
```

```
MariaDB [(none)]> SELECT Name, Capital, Region, SurfaceArea, Population FROM world.country WHERE Population BETWEEN 50000000 AND 100000000;
```

Name	Capital	Region	SurfaceArea	Population
Congo, The Democratic Republic of the	2298	Central Africa	2344858.00	51654000
Germany	3068	Western Europe	357022.00	82164700
Egypt	608	Northern Africa	1001449.00	68470000
Ethiopia	756	Eastern Africa	1104300.00	62565000
France	2974	Western Europe	551500.00	59225700
United Kingdom	456	British Islands	242900.00	59623400
Iran	1380	Southern and Central Asia	1648195.00	67702000
Italy	1464	Southern Europe	301316.00	57680000
Mexico	2515	Central America	1958201.00	98881000
Philippines	766	Southeast Asia	300000.00	75967000
Thailand	3320	Southeast Asia	513115.00	61399000
Turkey	3358	Middle East	774815.00	66591000
Ukraine	3426	Eastern Europe	603700.00	50456000
Vietnam	3770	Southeast Asia	331689.00	79832000

```
14 rows in set (0.000 sec)
```

```
MariaDB [(none)]> SELECT sum(Population) from world.country WHERE Region LIKE "%Europe%";
```

sum(Population)
634947800

```
1 row in set (0.001 sec)
```

```
MariaDB [(none)]> SELECT sum(population) as "Europe Population Total" from world.country WHERE region LIKE "%Europe%";
```

Europe Population Total
634947800

```
1 row in set (0.000 sec)
```

```
MariaDB [(none)]> SELECT Name, Capital, Region, SurfaceArea, Population from world.country WHERE LOWER(Region) LIKE "%central%";
```

Name	Capital	Region	SurfaceArea	Population
Afghanistan	1	Southern and Central Asia	652090.00	22720000
Angola	56	Central Africa	1246700.00	12878000
Bangladesh	150	Southern and Central Asia	143998.00	129155000
Belize	185	Central America	22696.00	241000
Bhutan	192	Southern and Central Asia	47000.00	2124000
Central African Republic	1889	Central Africa	622984.00	3615000
Cameroon	1804	Central Africa	475442.00	15085000
Congo, The Democratic Republic of the	2298	Central Africa	2344858.00	51654000
Congo	2296	Central Africa	342000.00	2943000
Costa Rica	584	Central America	51100.00	4023000
Gabon	902	Central Africa	267668.00	1226000
Equatorial Guinea	2972	Central Africa	28051.00	453000
Guatemala	922	Central America	108889.00	11385000
Honduras	933	Central America	112088.00	6485000
India	1109	Southern and Central Asia	3287263.00	1013662000
Iran	1380	Southern and Central Asia	1648195.00	67702000
Kazakhstan	1864	Southern and Central Asia	2724900.00	16223000
Kyrgyzstan	2253	Southern and Central Asia	199900.00	4699000
Sri Lanka	3217	Southern and Central Asia	65610.00	18827000
Maldives	2463	Southern and Central Asia	298.00	286000
Mexico	2515	Central America	1958201.00	98881000
Nicaragua	2734	Central America	130000.00	5074000
Nepal	2729	Southern and Central Asia	147181.00	23930000
Pakistan	2831	Southern and Central Asia	796095.00	156483000
Panama	2882	Central America	75517.00	2856000
El Salvador	645	Central America	21041.00	6276000

Sao Tome and Principe	3172	Central Africa	964.00	147000
Chad	3337	Central Africa	1284000.00	7651000
Tajikistan	3261	Southern and Central Asia	143100.00	6188000
Turkmenistan	3419	Southern and Central Asia	488100.00	4459000
Uzbekistan	3503	Southern and Central Asia	447400.00	24318000

```
31 rows in set (0.001 sec)
```

```
MariaDB [(none)]> select sum(SurfaceArea), sum(Population) from world.country where Region = 'North America';
+-----+-----+
| sum(SurfaceArea) | sum(Population) |
+-----+-----+
|      21500515.00 |      309632000 |
+-----+-----+
1 row in set (0.001 sec)
```