Question 1

Using COUNT, get the number of cities in the USA.

mysql> select count(\*)as total from city where CountryCode = "USA";

+-------+

| total |

+-------+

| 274 |

+-------+

1 row in set (0.01 sec)

Question 2

Find out the population and life expectancy for people in Argentina.

mysql> select sum(Population) from city where CountryCode = "ARG";

+-----------------+

| sum(Population) |

+-----------------+

| 19996563 |

+-----------------+

1 row in set (0.02 sec)

mysql> select sum(LifeExpectancy) from country where name = "Argentina";

+---------------------+

| sum(LifeExpectancy) |

+---------------------+

| 75.1 |

+---------------------+

1 row in set (0.01 sec)

Question 3

Using IS NOT NULL, ORDER BY, and LIMIT, which country has the highest life expectancy?

mysql> SELECT name, LifeExpectancy FROM country WHERE LifeExpectancy IS NOT NULL order by LifeExpectancy DESC Limit 1;

+---------+----------------+

| name | LifeExpectancy |

+---------+----------------+

| Andorra | 83.5 |

+---------+----------------+

1 row in set (0.01 sec)

Question 4

Using JOIN ... ON, find the capital city of Spain.

mysql> SELECT city.Name FROM city JOIN country ON city.ID = country.Capital WHERE country.Name = "Spain”;

+--------+

| Name |

+--------+

| Madrid |

+--------+

1 row in set (0.01 sec)

Question 5

Using JOIN ... ON, list all the languages spoken in the Southeast Asia region.

mysql> SELECT Language FROM country JOIN countrylanguage ON country.Code = countrylanguage.CountryCode WHERE country.Region = "Southeast Asia”;

+---------------+

| Language |

+---------------+

| Chinese |

| English |

| Malay |

| Malay-English |

| Bali |

| Banja |

| Batakki |

| Bugi |

| Javanese |

| Madura |

| Malay |

| Minangkabau |

| Sunda |

| Chinese |

| Khmer |

| Tšam |

| Vietnamese |

| Lao |

| Lao-Soung |

| Mon-khmer |

| Thai |

| Burmese |

| Chin |

| Kachin |

| Karen |

| Kayah |

| Mon |

| Rakhine |

| Shan |

| Chinese |

| Dusun |

| English |

| Iban |

| Malay |

| Tamil |

| Bicol |

| Cebuano |

| Hiligaynon |

| Ilocano |

| Maguindanao |

| Maranao |

| Pampango |

| Pangasinan |

| Pilipino |

| Waray-waray |

| Chinese |

| Malay |

| Tamil |

| Chinese |

| Khmer |

| Kuy |

| Lao |

| Malay |

| Thai |

| Portuguese |

| Sunda |

| Chinese |

| Khmer |

| Man |

| Miao |

| Muong |

| Nung |

| Thai |

| Tho |

| Vietnamese |

+---------------+

65 rows in set (0.01 sec)

Question 6

Using a single query, list 25 cities around the world that start with the letter F.

SELECT Name FROM city WHERE Name LIKE 'F%' LIMIT 25;

+---------------------------+

| Name |

+---------------------------+

| Fagatogo |

| Florencio Varela |

| Formosa |

| Francistown |

| Fortaleza |

| Feira de Santana |

| Franca |

| Florianópolis |

| Foz do Iguaçu |

| Ferraz de Vasconcelos |

| Francisco Morato |

| Franco da Rocha |

| Fuenlabrada |

| Faridabad |

| Firozabad |

| Farrukhabad-cum-Fatehgarh |

| Faizabad |

| Fatehpur |

| Firenze |

| Foggia |

| Ferrara |

| Forlì |

| Fukuoka |

| Funabashi |

| Fukuyama |

+---------------------------+

25 rows in set (0.02 sec)

Question 7

Using COUNT and JOIN ... ON, get the number of cities in China.

SELECT COUNT(city.Name) FROM city JOIN country ON city.CountryCode = country.Code WHERE CountryCode = 'CHN';

+------------------+

| COUNT(city.Name) |

+------------------+

| 363 |

+------------------+

1 row in set (0.03 sec)

Question 8

Using IS NOT NULL, ORDER BY, and LIMIT, which country has the lowest population? Discard non-zero populations.

SELECT Name FROM country WHERE Population > 0 AND Population IS NOT NULL ORDER BY Population ASC LIMIT 1;

+----------+

| Name |

+----------+

| Pitcairn |

+----------+

1 row in set (0.01 sec)

Question 9

Using aggregate functions, return the number of countries the database contains.

SELECT COUNT(Name) FROM country;

+-------------+

| COUNT(Name) |

+-------------+

| 239 |

+-------------+

1 row in set (0.05 sec)

Question 10

What are the top ten largest countries by area?

SELECT Name FROM country ORDER BY SurfaceArea DESC LIMIT 10;

+--------------------+

| Name |

+--------------------+

| Russian Federation |

| Antarctica |

| Canada |

| China |

| United States |

| Brazil |

| Australia |

| India |

| Argentina |

| Kazakstan |

+--------------------+

10 rows in set (0.01 sec)

Question 11

List the five largest cities by population in Japan.

SELECT Name FROM city WHERE CountryCode = 'JPN' ORDER BY Population DESC LIMIT 5;

+---------------------+

| Name |

+---------------------+

| Tokyo |

| Jokohama [Yokohama] |

| Osaka |

| Nagoya |

| Sapporo |

+---------------------+

5 rows in set (0.01 sec)

Question 12

List the names and country codes of every country with Elizabeth II as its Head of State. You will need to fix the mistake first!

UPDATE country SET HeadOfState = 'Elizabeth II' WHERE HeadOfState = 'Elisabeth II'; SELECT Name, Code FROM country WHERE HeadOfState = 'Elizabeth II';



Question 13

List the top ten countries with the smallest population-to-area ratio. Discard any countries with a ratio of 0.

SELECT Name, Population/SurfaceArea AS Ratio from country WHERE Population != 0 ORDER BY Ratio ASC;

| Name | Ratio |

+---------------------------------------+--------------+

| Greenland | 0.025853 |

| Svalbard and Jan Mayen | 0.051264 |

| Falkland Islands | 0.164298 |

| Pitcairn | 1.020408 |

| Western Sahara | 1.101504 |

| Mongolia | 1.699330 |

| French Guiana | 2.011111 |

| Namibia | 2.093918 |

| Australia | 2.439667 |

| Suriname | 2.554130 |

| Mauritania | 2.603557 |

| Iceland | 2.708738 |

| Botswana | 2.788235 |

| Canada | 3.123881 |

| Libyan Arab Jamahiriya | 3.185492 |

| Guyana | 4.005229 |

| Gabon | 4.580301 |

| Central African Republic | 5.802717 |

| Kazakstan | 5.953613 |

| Chad | 5.958723 |

| Bolivia | 7.581598 |

| Niue | 7.692308 |

| Oman | 8.213247 |

| Niger | 8.468824 |

| Russian Federation | 8.605011 |

| Congo | 8.605263 |

| Mali | 9.058275 |

| Turkmenistan | 9.135423 |

| Saudi Arabia | 10.051217 |

| Angola | 10.329670 |

| Papua New Guinea | 10.385878 |

| Belize | 10.618611 |

| New Caledonia | 11.520861 |

| Sudan | 11.768636 |

| Zambia | 12.182807 |

| Algeria | 13.213443 |

| Argentina | 13.318947 |

| Paraguay | 13.511919 |

| Norway | 13.827780 |

| New Zealand | 14.275470 |

| Finland | 15.293143 |

| Solomon Islands | 15.365449 |

| Vanuatu | 15.587825 |

| Somalia | 15.834532 |

| Equatorial Guinea | 16.149157 |

| Christmas Island | 18.518519 |

| Uruguay | 19.066828 |

| Saint Helena | 19.108280 |

| Sweden | 19.693575 |

| Brazil | 19.902536 |

| Peru | 19.967072 |

| Chile | 20.103724 |

| Congo, The Democratic Republic of the | 22.028626 |

| Bahamas | 22.121343 |

| Laos | 22.943412 |

| Kyrgyzstan | 23.506753 |

| Mozambique | 24.551204 |

| Venezuela | 26.500740 |

| Madagascar | 27.156536 |

| Djibouti | 27.500000 |

| Liberia | 28.320269 |

| Saint Pierre and Miquelon | 28.925620 |

| United Arab Emirates | 29.198565 |

| United States | 29.727816 |

| Zimbabwe | 29.862549 |

| Guinea | 30.220819 |

| Faroe Islands | 30.736240 |

| Cameroon | 31.728371 |

| Estonia | 31.821699 |

| Eritrea | 32.738095 |

| South Africa | 33.067794 |

| Guinea-Bissau | 33.577855 |

| Yemen | 34.305109 |

| Afghanistan | 34.841816 |

| Colombia | 37.159083 |

| Latvia | 37.532707 |

| Panama | 37.819299 |

| Tanzania | 37.925927 |

| Nicaragua | 39.030769 |

| Turks and Caicos Islands | 39.534884 |

| Iran | 41.076450 |

| Palau | 41.394336 |

| Cocos (Keeling) Islands | 42.857143 |

| Tajikistan | 43.242488 |

| Burkina Faso | 43.565693 |

| Ecuador | 44.597106 |

| Fiji Islands | 44.708329 |

| Bhutan | 45.191489 |

| Côte d’Ivoire | 45.853323 |

| Senegal | 48.194915 |

| Belarus | 49.306358 |

| Mexico | 50.495838 |

| Kenya | 51.829274 |

| Iraq | 52.735805 |

| Ireland | 53.720490 |

| Benin | 54.136847 |

| Uzbekistan | 54.354046 |

| Qatar | 54.454545 |

| Norfolk Island | 55.555556 |

| Lithuania | 56.637724 |

| Ethiopia | 56.655800 |

| Brunei | 56.895056 |

| Jordan | 57.147033 |

| Honduras | 57.856327 |

| Swaziland | 58.051140 |

| Tunisia | 58.590551 |

| French Polynesia | 58.750000 |

| East Timor | 59.499798 |

| Cambodia | 61.689729 |

| Morocco | 63.488971 |

| Samoa | 63.581773 |

| Myanmar | 67.414252 |

| Malaysia | 67.455528 |

| Sierra Leone | 67.660998 |

| Egypt | 68.370931 |

| Lesotho | 70.927360 |

| Georgia | 71.276901 |

| Bulgaria | 73.795881 |

| Wallis and Futuna | 75.000000 |

| Bosnia and Herzegovina | 77.582671 |

| Spain | 77.949256 |

| Macedonia | 78.715047 |

| Costa Rica | 78.727984 |

| Croatia | 79.114932 |

| Greece | 80.118670 |

| Togo | 81.518007 |

| Cyprus | 81.580370 |

| Anguilla | 83.333333 |

| Ukraine | 83.577936 |

| Ghana | 84.734607 |

| Cook Islands | 84.745763 |

| Turkey | 85.944387 |

| Syria | 87.077438 |

| Azerbaijan | 89.307159 |

| Uganda | 90.350899 |

| Malawi | 92.206543 |

| Romania | 94.196090 |

| Dominica | 94.540613 |

| Austria | 96.492923 |

| Slovenia | 98.133886 |

| Cuba | 101.036433 |

| Yugoslavia | 104.137101 |

| Guatemala | 104.556016 |

| Cape Verde | 106.124473 |

| France | 107.390209 |

| Montserrat | 107.843137 |

| Hungary | 107.956573 |

| Portugal | 108.690831 |

| Slovakia | 110.150575 |

| Kuwait | 110.674599 |

| Indonesia | 111.367454 |

| Kiribati | 114.325069 |

| Gambia | 115.537849 |

| Armenia | 118.120805 |

| Albania | 118.310839 |

| Poland | 119.578036 |

| Thailand | 119.659336 |

| Nigeria | 120.707797 |

| Denmark | 123.683111 |

| Moldova | 129.390565 |

| Czech Republic | 130.323587 |

| China | 133.455693 |

| Virgin Islands, British | 139.072848 |

| Cayman Islands | 143.939394 |

| Saint Kitts and Nevis | 145.593870 |

| Tonga | 152.307692 |

| Sao Tome and Principe | 152.489627 |

| Antigua and Barbuda | 153.846154 |

| Nepal | 162.588921 |

| Andorra | 166.666667 |

| Tokelau | 166.666667 |

| Northern Mariana Islands | 168.103448 |

| Luxembourg | 168.484145 |

| Seychelles | 169.230769 |

| Micronesia, Federated States of | 169.515670 |

| Switzerland | 173.442496 |

| Dominican Republic | 175.114922 |

| Italy | 191.426940 |

| Pakistan | 196.563224 |

| North Korea | 199.430885 |

| Liechtenstein | 201.875000 |

| Germany | 230.139039 |

| Jamaica | 235.031847 |

| Burundi | 240.533161 |

| Vietnam | 240.683291 |

| United Kingdom | 245.464800 |

| Saint Lucia | 247.588424 |

| Trinidad and Tobago | 252.436647 |

| Philippines | 253.223333 |

| Guadeloupe | 267.448680 |

| Virgin Islands, U.S. | 268.011527 |

| Netherlands Antilles | 271.250000 |

| Grenada | 273.255814 |

| Réunion | 278.486056 |

| Sri Lanka | 286.953208 |

| Rwanda | 293.606196 |

| Saint Vincent and the Grenadines | 293.814433 |

| Israel | 295.260258 |

| Haiti | 296.288288 |

| El Salvador | 298.274797 |

| Guam | 306.010929 |

| India | 308.360481 |

| Comoros | 310.418904 |

| Lebanon | 315.576923 |

| Japan | 335.373939 |

| Belgium | 335.506914 |

| American Samoa | 341.708543 |

| Marshall Islands | 353.591160 |

| Martinique | 358.439201 |

| Netherlands | 382.025719 |

| Mayotte | 399.463807 |

| Puerto Rico | 435.943662 |

| San Marino | 442.622951 |

| Tuvalu | 461.538462 |

| South Korea | 471.106463 |

| Palestine | 495.604922 |

| Aruba | 533.678756 |

| Mauritius | 567.647059 |

| Nauru | 571.428571 |

| Taiwan | 615.010501 |

| Barbados | 627.906977 |

| Bahrain | 889.048991 |

| Bangladesh | 896.922179 |

| Maldives | 959.731544 |

| Malta | 1203.164557 |

| Bermuda | 1226.415094 |

| Holy See (Vatican City State) | 2499.999963 |

| Gibraltar | 4166.666667 |

| Singapore | 5771.844660 |

| Hong Kong | 6308.837209 |

| Monaco | 22666.666667 |

| Macao | 26277.777778 |

+---------------------------------------+--------------+

232 rows in set (0.02 sec)

Question 14

List every unique world language.

SELECT DISTINCT Language FROM countrylanguage;

+---------------------------+

| Language |

+---------------------------+

| Dutch |

| English |

| Papiamento |

| Spanish |

| Balochi |

| Dari |

| Pashto |

| Turkmenian |

| Uzbek |

| Ambo |

| Chokwe |

| Kongo |

| Luchazi |

| Luimbe-nganguela |

| Luvale |

| Mbundu |

| Nyaneka-nkhumbi |

| Ovimbundu |

| Albaniana |

| Greek |

| Macedonian |

| Catalan |

| French |

| Portuguese |

| Arabic |

| Hindi |

| Indian Languages |

| Italian |

| Armenian |

| Azerbaijani |

| Samoan |

| Tongan |

| Creole English |

| Canton Chinese |

| German |

| Serbo-Croatian |

| Vietnamese |

| Czech |

| Hungarian |

| Polish |

| Romanian |

| Slovene |

| Turkish |

| Lezgian |

| Russian |

| Kirundi |

| Swahili |

| Adja |

| Aizo |

| Bariba |

| Fon |

| Ful |

| Joruba |

| Somba |

| Busansi |

| Dagara |

| Dyula |

| Gurma |

| Mossi |

| Bengali |

| Chakma |

| Garo |

| Khasi |

| Marma |

| Santhali |

| Tripuri |

| Bulgariana |

| Romani |

| Creole French |

| Belorussian |

| Ukrainian |

| Garifuna |

| Maya Languages |

| Aimará |

| Guaraní |

| Ketšua |

| Japanese |

| Bajan |

| Chinese |

| Malay |

| Malay-English |

| Asami |

| Dzongkha |

| Nepali |

| Khoekhoe |

| Ndebele |

| San |

| Shona |

| Tswana |

| Banda |

| Gbaya |

| Mandjia |

| Mbum |

| Ngbaka |

| Sara |

| Eskimo Languages |

| Punjabi |

| Romansh |

| Araucan |

| Rapa nui |

| Dong |

| Hui |

| Mantšu |

| Miao |

| Mongolian |

| Puyi |

| Tibetan |

| Tujia |

| Uighur |

| Yi |

| Zhuang |

| Akan |

| Gur |

| Kru |

| Malinke |

| [South]Mande |

| Bamileke-bamum |

| Duala |

| Fang |

| Maka |

| Mandara |

| Masana |

| Tikar |

| Boa |

| Luba |

| Mongo |

| Ngala and Bangi |

| Rundi |

| Rwanda |

| Teke |

| Zande |

| Mbete |

| Mboshi |

| Punu |

| Sango |

| Maori |

| Arawakan |

| Caribbean |

| Chibcha |

| Comorian |

| Comorian-Arabic |

| Comorian-French |

| Comorian-madagassi |

| Comorian-Swahili |

| Crioulo |

| Moravian |

| Silesiana |

| Slovak |

| Southern Slavic Languages |

| Afar |

| Somali |

| Danish |

| Norwegian |

| Swedish |

| Berberi |

| Sinaberberi |

| Bilin |

| Hadareb |

| Saho |

| Tigre |

| Tigrinja |

| Basque |

| Galecian |

| Estonian |

| Finnish |

| Amhara |

| Gurage |

| Oromo |

| Sidamo |

| Walaita |

| Saame |

| Fijian |

| Faroese |

| Kosrean |

| Mortlock |

| Pohnpei |

| Trukese |

| Wolea |

| Yap |

| Mpongwe |

| Punu-sira-nzebi |

| Gaeli |

| Kymri |

| Abhyasi |

| Georgiana |

| Osseetti |

| Ewe |

| Ga-adangme |

| Kissi |

| Kpelle |

| Loma |

| Susu |

| Yalunka |

| Diola |

| Soninke |

| Wolof |

| Balante |

| Mandyako |

| Bubi |

| Greenlandic |

| Cakchiquel |

| Kekchí |

| Mam |

| Quiché |

| Chamorro |

| Korean |

| Philippene Languages |

| Chiu chau |

| Fukien |

| Hakka |

| Miskito |

| Haiti Creole |

| Bali |

| Banja |

| Batakki |

| Bugi |

| Javanese |

| Madura |

| Minangkabau |

| Sunda |

| Gujarati |

| Kannada |

| Malajalam |

| Marathi |

| Orija |

| Tamil |

| Telugu |

| Urdu |

| Irish |

| Bakhtyari |

| Gilaki |

| Kurdish |

| Luri |

| Mazandarani |

| Persian |

| Assyrian |

| Icelandic |

| Hebrew |

| Friuli |

| Sardinian |

| Circassian |

| Ainu |

| Kazakh |

| Tatar |

| Gusii |

| Kalenjin |

| Kamba |

| Kikuyu |

| Luhya |

| Luo |

| Masai |

| Meru |

| Nyika |

| Turkana |

| Kirgiz |

| Tadzhik |

| Khmer |

| Tšam |

| Kiribati |

| Tuvalu |

| Lao |

| Lao-Soung |

| Mon-khmer |

| Thai |

| Bassa |

| Gio |

| Grebo |

| Mano |

| Mixed Languages |

| Singali |

| Sotho |

| Zulu |

| Lithuanian |

| Luxembourgish |

| Latvian |

| Mandarin Chinese |

| Monegasque |

| Gagauzi |

| Malagasy |

| Dhivehi |

| Mixtec |

| Náhuatl |

| Otomí |

| Yucatec |

| Zapotec |

| Marshallese |

| Bambara |

| Senufo and Minianka |

| Songhai |

| Tamashek |

| Maltese |

| Burmese |

| Chin |

| Kachin |

| Karen |

| Kayah |

| Mon |

| Rakhine |

| Shan |

| Bajad |

| Buryat |

| Dariganga |

| Dorbet |

| Carolinian |

| Chuabo |

| Lomwe |

| Makua |

| Marendje |

| Nyanja |

| Ronga |

| Sena |

| Tsonga |

| Tswa |

| Hassaniya |

| Tukulor |

| Zenaga |

| Bhojpuri |

| Chichewa |

| Ngoni |

| Yao |

| Dusun |

| Iban |

| Mahoré |

| Afrikaans |

| Caprivi |

| Herero |

| Kavango |

| Nama |

| Ovambo |

| Malenasian Languages |

| Polynesian Languages |

| Hausa |

| Kanuri |

| Songhai-zerma |

| Bura |

| Edo |

| Ibibio |

| Ibo |

| Ijo |

| Tiv |

| Sumo |

| Niue |

| Fries |

| Maithili |

| Newari |

| Tamang |

| Tharu |

| Nauru |

| Brahui |

| Hindko |

| Saraiki |

| Sindhi |

| Cuna |

| Embera |

| Guaymí |

| Pitcairnese |

| Bicol |

| Cebuano |

| Hiligaynon |

| Ilocano |

| Maguindanao |

| Maranao |

| Pampango |

| Pangasinan |

| Pilipino |

| Waray-waray |

| Palau |

| Papuan Languages |

| Tahitian |

| Avarian |

| Bashkir |

| Chechen |

| Chuvash |

| Mari |

| Mordva |

| Udmur |

| Bari |

| Beja |

| Chilluk |

| Dinka |

| Fur |

| Lotuko |

| Nubian Languages |

| Nuer |

| Serer |

| Bullom-sherbro |

| Kono-vai |

| Kuranko |

| Limba |

| Mende |

| Temne |

| Nahua |

| Sranantonga |

| Czech and Moravian |

| Ukrainian and Russian |

| Swazi |

| Seselwa |

| Gorane |

| Hadjarai |

| Kanem-bornu |

| Mayo-kebbi |

| Ouaddai |

| Tandjile |

| Ane |

| Kabyé |

| Kotokoli |

| Moba |

| Naudemba |

| Watyi |

| Kuy |

| Tokelau |

| Arabic-French |

| Arabic-French-English |

| Ami |

| Atayal |

| Min |

| Paiwan |

| Chaga and Pare |

| Gogo |

| Ha |

| Haya |

| Hehet |

| Luguru |

| Makonde |

| Nyakusa |

| Nyamwesi |

| Shambala |

| Acholi |

| Ganda |

| Gisu |

| Kiga |

| Lango |

| Lugbara |

| Nkole |

| Soga |

| Teso |

| Tagalog |

| Karakalpak |

| Goajiro |

| Warrau |

| Man |

| Muong |

| Nung |

| Tho |

| Bislama |

| Futuna |

| Wallis |

| Samoan-English |

| Soqutri |

| Northsotho |

| Southsotho |

| Venda |

| Xhosa |

| Bemba |

| Chewa |

| Lozi |

| Nsenga |

+---------------------------+

457 rows in set (0.02 sec)

Question 15

List the names and GNP of the world's top 10 richest countries.

SELECT Name, GNP FROM country ORDER BY GNP DESC LIMIT 10;

+----------------+------------+

| Name | GNP |

+----------------+------------+

| United States | 8510700.00 |

| Japan | 3787042.00 |

| Germany | 2133367.00 |

| France | 1424285.00 |

| United Kingdom | 1378330.00 |

| Italy | 1161755.00 |

| China | 982268.00 |

| Brazil | 776739.00 |

| Canada | 598862.00 |

| Spain | 553233.00 |

+----------------+------------+

10 rows in set (0.01 sec)

Question 16

List the names of, and number of languages spoken by, the top ten most multilingual countries.

SELECT country.Name , COUNT(Language) FROM countrylanguage JOIN country ON countrylanguage.CountryCode = country.Code GROUP BY CountryCode ORDER BY COUNT(Language) DESC LIMIT 10;

+--------------------+-----------------+

| Name | COUNT(Language) |

+--------------------+-----------------+

| China | 12 |

| India | 12 |

| Canada | 12 |

| United States | 12 |

| Russian Federation | 12 |

| Tanzania | 11 |

| South Africa | 11 |

| Nigeria | 10 |

| Iran | 10 |

| Kenya | 10 |

+--------------------+-----------------+

10 rows in set (0.01 sec)

Question 17

List every country where over 50% of its population can speak German.

SELECT Name FROM countrylanguage JOIN country ON countrylanguage.CountryCode = country.Code WHERE countrylanguage.Language = 'German' AND countrylanguage.Percentage > 50;

| Name |

+---------------+

| Austria |

| Switzerland |

| Germany |

| Liechtenstein |

+---------------+

4 rows in set (0.02 sec)

Question 18

Which country has the worst life expectancy? Discard zero or null values.

SELECT Name FROM country WHERE LifeExpectancy IS NOT NULL AND LifeExpectancy != 0 ORDER BY LifeExpectancy ASC LIMIT 1;

+--------+

| Name |

+--------+

| Zambia |

+--------+

1 row in set (0.01 sec)

Question 19

List the top three most common government forms.

SELECT GovernmentForm , COUNT(GovernmentForm) AS occurrence FROM country GROUP BY GovernmentForm ORDER BY occurrence DESC LIMIT 3;

+-------------------------+------------+

| GovernmentForm | occurrence |

+-------------------------+------------+

| Republic | 122 |

| Constitutional Monarchy | 29 |

| Federal Republic | 15 |

+-------------------------+------------+

3 rows in set (0.01 sec)

Question 20

How many countries have gained independence since records began?

SELECT COUNT(IndepYear) FROM country WHERE IndepYear IS NOT NULL;

+------------------+

| COUNT(IndepYear) |

+------------------+

| 192 |

+------------------+

1 row in set (0.01 sec)