SUBCONSULTAS

Eliminar de la tabla city2 las ciudades que pertenezcan a países en la tabla
country2 cuya población sea menor a 1 millón de habitantes

CONSULTA: DELETE FROM city2 WHERE (CountryCode IN (SELECT Code FROM
country2 WHERE Population < 1000000));

```
MariaDB [world]> DELETE FROM city2 WHERE (CountryCode IN (SELECT Code FROM country2 WHERE Population < 1000000));
Query OK, 93 rows affected (0.016 sec)

MariaDB [world]>
```

Aumentar en un 10% la población de las ciudades que pertenecen a países
Europeos con fecha de independencia superior a 1950

CONSULTA: UPDATE city2 SET Population = (Population * 1.10) WHERE CountryCode IN
(SELECT Code FROM country2 WHERE Continent = 'Europe' AND IndepYear > 1950);

```
MariaDB [world]> UPDATE city2 SET Population = (Population * 1.10) WHERE CountryCode IN (SELECT Code FROM country2
 WHERE Continent = 'Europe' AND IndepYear > 1950);
Query OK, 392 rows affected (0.016 sec)
Rows matched: 392  Changed: 392  Warnings: 0

MariaDB [world]>
```

Mostrar en una sola sentencia sql el código, país y población de la ciudad
más poblada y de la menos poblada.

CONSULTA: SELECT city2.CountryCode, country2.Name, city2.Population FROM city2
INNER JOIN country2 ON city2.CountryCode = country2.Code WHERE city2.Population =
(SELECT MAX(Population) FROM city2) OR city2.Population = (SELECT MIN(Population)
FROM city2);

```
MariaDB [world]> SELECT city2.CountryCode, country2.Name, city2.Population FROM city2  INNER JOIN country2 ON city
2.CountryCode = country2.Code WHERE city2.Population = (SELECT MAX(Population) FROM city2) OR city2.Population = (
SELECT MIN(Population) FROM city2);
+-------------+--------+------------+
| CountryCode | Name   | Population |
+-------------+--------+------------+
| BTN         | BHUTAN |      22000 |
| IND         | INDIA  |   10500000 |
+-------------+--------+------------+
2 rows in set (0.016 sec)

MariaDB [world]>
```

Mostrar código y nombre de los países en los cuales se habla al menos español e inglés. Es decir, puede hablarse cualquier otra cantidad de idiomas pero obligatoriamente, como mínimo, esos 2.

CONSULTA: SELECT Code, Name FROM country2 WHERE Code IN (SELECT CountryCode FROM countrylanguage WHERE Language IN ('Spanish', 'English') GROUP BY CountryCode HAVING COUNT(Language) = 2);

```
MariaDB [world]> SELECT Code, Name FROM country2 WHERE Code IN (SELECT CountryCode FROM countrylanguage WHERE Lang
uage IN ('Spanish', 'English') GROUP BY CountryCode HAVING COUNT(Language) = 2);
+------+---------------------+
| Code | Name                |
+------+---------------------+
| ABW  | ARUBA               |
| BLZ  | BELIZE              |
| CAN  | CANADA              |
| PRI  | PUERTO RICO         |
| USA  | UNITED STATES       |
| VIR  | VIRGIN ISLANDS, U.S. |
+------+---------------------+
6 rows in set (0.004 sec)
```

Mostrar id y nombre de los países cuya población sea equivalente al doble (o más) de la sumatoria de la población de cada una de las ciudades de ese país.

CONSULTA: SELECT Code, Name FROM country2 WHERE Population >= 2*(SELECT SUM(Population) AS total_poblacion FROM city2 WHERE city2.CountryCode = country2.Code);

```
| MYS  | MALAYSIA            |
| NAM  | NAMIBIA             |
| NER  | NIGER               |
| NGA  | NIGERIA             |
| NIC  | NICARAGUA           |
| NLD  | NETHERLANDS         |
| NOR  | NORWAY              |
| NPL  | NEPAL               |
| NZL  | NEW ZEALAND         |
| OMN  | OMAN                |
| PAK  | PAKISTAN            |
| PAN  | PANAMA              |
| PER  | PERU                |
| PHL  | PHILIPPINES         |
| PNG  | PAPUA NEW GUINEA    |
| POL  | POLAND              |
| PRI  | PUERTO RICO         |
| PRK  | NORTH KOREA         |
| PRT  | PORTUGAL            |
| PRY  | PARAGUAY            |
| PSE  | PALESTINE           |
| ROM  | ROMANIA             |
| RWA  | RWANDA              |
| SAU  | SAUDI ARABIA        |
| SDN  | SUDAN               |
| SEN  | SENEGAL             |
| SLE  | SIERRA LEONE        |
| SLV  | EL SALVADOR         |
| SOM  | SOMALIA             |
| SVK  | SLOVAKIA            |
| SVN  | SLOVENIA            |
| SWE  | SWEDEN              |
| SWZ  | SWAZILAND           |
| SYR  | SYRIA               |
| TCD  | CHAD                |
| TGO  | TOGO                |
| THA  | THAILAND            |
| TJK  | TAJIKISTAN          |
| TKM  | TURKMENISTAN        |
| TMP  | EAST TIMOR          |
| TTO  | TRINIDAD AND TOBAGO |
| TUN  | TUNISIA             |
| TUR  | TURKEY              |
| TZA  | TANZANIA            |
| UGA  | UGANDA              |
| UKR  | UKRAINE             |
| URY  | URUGUAY             |
| USA  | UNITED STATES       |
| UZB  | UZBEKISTAN          |
| VNM  | VIETNAM             |
| YEM  | YEMEN               |
| YUG  | YUGOSLAVIA          |
| ZAF  | SOUTH AFRICA        |
| ZMB  | ZAMBIA              |
| ZWE  | ZIMBABWE            |
+------+---------------------+
142 rows in set (0.613 sec)
```

Mostrar el nombre del idioma con más porcentaje de habla en estados
unidos
CONSULTA: SELECT Language FROM countrylanguage WHERE CountryCode = (SELECT
Code FROM country2 WHERE Name = 'United States') AND Percentage = (SELECT
MAX(Percentage) FROM countrylanguage WHERE CountryCode = (SELECT Code FROM
country2 WHERE Name = 'United States'));

```
MariaDB [world]> SELECT Language FROM countrylanguage WHERE CountryCode = (SELECT Code FROM country WHERE Name = '
United States') AND Percentage = (SELECT MAX(Percentage)             FROM countrylanguage
WHERE CountryCode = (SELECT Code FROM country WHERE Name = 'United States'));
+----------+
| Language |
+----------+
| English  |
+----------+
1 row in set (0.001 sec)
```

Mostrar el nombre del idioma con más porcentaje de habla en cada uno de
los países

CONSULTA: SELECT country2.Name , countrylanguage.Language,
countrylanguage.Percentage FROM countrylanguage
JOIN (SELECT CountryCode, MAX(Percentage) AS maximo_porcentaje FROM
countrylanguage GROUP BY CountryCode) AS todos_los_lenguajes ON
countrylanguage.CountryCode =todos_los_lenguajes.CountryCode AND
countrylanguage.Percentage =todos_los_lenguajes.maximo_porcentaje JOIN country2 ON
countrylanguage.CountryCode = country2.Code ORDER BY country2.Name;

```
| SAN MARINO                          | Italian             | 100.0 |
| SAO TOME AND PRINCIPE                | Crioulo             |  86.3 |
| SAUDI ARABIA                        | Arabic              |  95.0 |
| SENEGAL                             | Wolof               |  48.1 |
| SEYCHELLES                          | Seselwa             |  91.3 |
| SIERRA LEONE                        | Mende               |  34.8 |
| SINGAPORE                           | Chinese             |  77.1 |
| SLOVAKIA                            | Slovak              |  85.6 |
| SLOVENIA                            | Slovene             |  87.9 |
| SOLOMON ISLANDS                     | Malenasian Languages |  85.6 |
| SOMALIA                             | Somali              |  98.3 |
| SOUTH AFRICA                        | Zulu                |  22.7 |
| SOUTH KOREA                         | Korean              |  99.9 |
| SPAIN                               | Spanish             |  74.4 |
| SRI LANKA                           | Singali             |  60.3 |
| SUDAN                               | Arabic              |  49.4 |
| SURINAME                            | Sranantonga         |  81.0 |
| SVALBARD AND JAN MAYEN              | Norwegian           |   0.0 |
| SVALBARD AND JAN MAYEN              | Russian             |   0.0 |
| SWAZILAND                           | Swazi               |  89.9 |
| SWEDEN                              | Swedish             |  89.5 |
| SWITZERLAND                         | German              |  63.6 |
| SYRIA                               | Arabic              |  90.0 |
| TAIWAN                              | Min                 |  66.7 |
| TAJIKISTAN                          | Tadzhik             |  62.2 |
| TANZANIA                            | Nyamwesi            |  21.1 |
| THAILAND                            | Thai                |  52.6 |
| TOGO                                | Ewe                 |  23.2 |
| TOKELAU                             | English             |   0.0 |
| TOKELAU                             | Tokelau             |   0.0 |
| TONGA                               | Tongan              |  98.3 |
| TRINIDAD AND TOBAGO                 | English             |  93.5 |
| TUNISIA                             | Arabic              |  69.9 |
| TURKEY                              | Turkish             |  87.6 |
| TURKMENISTAN                        | Turkmenian          |  76.7 |
| TURKS AND CAICOS ISLANDS            | English             |   0.0 |
| TUVALU                              | Tuvalu              |  92.5 |
| UGANDA                              | Ganda               |  18.1 |
| UKRAINE                             | Ukrainian           |  64.7 |
| UNITED ARAB EMIRATES                | Arabic              |  42.0 |
| UNITED KINGDOM                      | English             |  97.3 |
| UNITED STATES                       | English             |  86.2 |
| UNITED STATES MINOR OUTLYING ISLANDS | English            |   0.0 |
| URUGUAY                             | Spanish             |  95.7 |
| UZBEKISTAN                          | Uzbek               |  72.6 |
| VANUATU                             | Bislama             |  56.6 |
| VENEZUELA                           | Spanish             |  96.9 |
| VIETNAM                             | Vietnamese          |  86.8 |
| VIRGIN ISLANDS, BRITISH             | English             |   0.0 |
| VIRGIN ISLANDS, U.S.                | English             |  81.7 |
| WALLIS AND FUTUNA                   | Futuna              |   0.0 |
| WALLIS AND FUTUNA                   | Wallis              |   0.0 |
| WESTERN SAHARA                      | Arabic              | 100.0 |
| YEMEN                               | Arabic              |  99.6 |
| YUGOSLAVIA                          | Serbo-Croatian      |  75.2 |
| ZAMBIA                              | Bemba               |  29.7 |
| ZIMBABWE                            | Shona               |  72.1 |
+-------------------------------------+---------------------+-------+
243 rows in set (0.014 sec)
```

Mostrar el nombre de los países que tienen únicamente un idioma oficial y
un idioma no oficial

CONSULTA: SELECT country2.Name FROM country2 JOIN countrylanguage ON
country2.Code = countrylanguage.CountryCode GROUP BY country2.Name HAVING
SUM(CASE WHEN countrylanguage.IsOfficial = 'T' THEN 1 ELSE 0 END) = 1 AND
SUM(CASE WHEN countrylanguage.IsOfficial = 'F' THEN 1 ELSE 0 END) = 1;

```
MariaDB [world]> SELECT country2.Name FROM country2 JOIN countrylanguage ON country2.Code = countrylanguage.Countr
yCode GROUP BY country2.Name HAVING SUM(CASE WHEN countrylanguage.IsOfficial = 'T' THEN 1 ELSE 0 END) = 1 AND SUM(
CASE WHEN countrylanguage.IsOfficial = 'F' THEN 1 ELSE 0 END) = 1;
+---------------------------------+
| Name                            |
+---------------------------------+
| ALGERIA                         |
| ANTIGUA AND BARBUDA             |
| ARMENIA                         |
| BAHRAIN                         |
| BARBADOS                        |
| CAPE VERDE                      |
| CHRISTMAS ISLAND                |
| COCOS (KEELING) ISLANDS         |
| COOK ISLANDS                    |
| CROATIA                         |
| DOMINICAN REPUBLIC              |
| EAST TIMOR                      |
| ECUADOR                         |
| EGYPT                           |
| EL SALVADOR                     |
| FIJI ISLANDS                    |
| GIBRALTAR                       |
| GREECE                          |
| GUADELOUPE                      |
| HAITI                           |
| ICELAND                         |
| Islas Cocos                     |
| KIRIBATI                        |
| KUWAIT                          |
| LIBYAN ARAB JAMAHIRIYA          |
| MALDIVES                        |
| MARTINIQUE                      |
| MOROCCO                         |
| NEW ZEALAND                     |
| NIUE                            |
| NORTH KOREA                     |
| OMAN                            |
| PUERTO RICO                     |
| QATAR                           |
| SAINT KITTS AND NEVIS           |
| SAINT LUCIA                     |
| SAINT VINCENT AND THE GRENADINES |
| SOUTH KOREA                     |
| SVALBARD AND JAN MAYEN          |
| SWAZILAND                       |
| SYRIA                           |
| TOKELAU                         |
| UNITED ARAB EMIRATES            |
| YEMEN                           |
+---------------------------------+
44 rows in set (0.008 sec)

MariaDB [world]>
```

II meet.google.com is sharing yo