# Exercises: Subqueries

You can check your solutions here: <https://judge.softuni.org/Contests/3138/Subqueries-CTE-and-Temporary-Tables>.

## Continents and Currencies

Write a query that selects:

* **ContinentCode**
* **CurrencyCode**
* **CurrencyUsage**

Find all **continents** and their **most** **used** **currency**. Filter any **currency** that is used in **only** **one** **country**. **Sort** your results by **ContinentCode**.

### Example

|  |  |  |
| --- | --- | --- |
| **ContinentCode** | **CurrencyCode** | **CurrencyUsage** |
| AF | XOF | 8 |
| AS | AUD | 2 |
| AS | ILS | 2 |
| EU | EUR | 26 |
| NA | XCD | 8 |
| OC | USD | 8 |

## Countries Without Any Mountains

Find all the **count** of all **countries,** which **don’t** **have** a **mountain**.

### Example

|  |
| --- |
| **Count** |
| 231 |

## Highest Peak and Longest River by Country

For each country, find the elevation of **the highest peak** and **the length of the longest river**, **sorted** by the **highest peak elevation** (from highest to lowest), then by the **longest river length** (from longest to smallest), then by **country name** (alphabetically). Display **NULL** when no data is available in some of the columns. Limit only the **first 5** rows.

### Example

|  |  |  |
| --- | --- | --- |
| **CountryName** | **HighestPeakElevation** | **LongestRiverLength** |
| China | 8848 | 6300 |
| India | 8848 | 3180 |
| Nepal | 8848 | 2948 |
| Pakistan | 8611 | 3180 |
| Argentina | 6962 | 4880 |

## Highest Peak Name and Elevation by Country

For each country, find the **name** and **elevation** of **the highest peak**, along with its **mountain**. When no peaks are available in some country, display elevation **0**, "**(no highest peak)**" as **peak name** and "**(no mountain)**" as **mountain name**. When **multiple peaks** in some country have the **same elevation**, display **all of them**. **Sort** the results by **country name alphabetically**, then by **highest peak name alphabetically**. Limit only the **first 5** rows.

### Example

|  |  |  |  |
| --- | --- | --- | --- |
| **Country** | **Highest Peak Name** | **Highest Peak Elevation** | **Mountain** |
| Afghanistan | (no highest peak) | 0 | (no mountain) |
| … | … | … | … |
| Argentina | Aconcagua | 6962 | Andes |
| … | … | … | … |
| Bulgaria | Musala | 2925 | Rila |
| Burkina Faso | (no highest peak) | 0 | (no mountain) |
| … | … | … | … |
| United States | Mount McKinley | 6194 | Alaska Range |