

# Exercises: Subqueries

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

## 1. 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

## 2. Countries Without Any Mountains

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

### Example

Count
231

## 3. 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

## 4. 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