S3 – GROUP BY - AVG -SUM

What you will know:

GROUP BY – AVG - SUM

Instructions: Open this online SQL editor

Exercise 1: Databases on W3school

Each product of **Products** table has a **category ID** (*this ID refers to an element in the **Categories** table*)

Q1 : Write a SQL query to display the number of products per category.
Expected columns:

CategoryID	Number of items

Your query:

………

Q2: Write a SQL query to display the average price of items per category ID.
Expected columns:

CategoryID	Average items price

Your query:

………

Q3: Write a SQL query to display the total of the price of all items per category ID.

Expected columns:

Category ID	Total items price

Your query:

………

Exercise 2: World Table

name	region	area	population	gdp
Afghanistan	South Asia	652225	26000000	
Albania	Europe	28728	3200000	6656000000
Algeria	Middle East	2400000	32900000	75012000000
Andorra	Europe	468	64000	
Bangladesh	South Asia	143998	152600000	67144000000
United Kingdom	Europe	242514	59600000	2022824000000
...				

Q1: write a statement to sum of population of all countries.

 Your query:

Q2 : write a statement to sum of population of all countries in «South Asia»

Your query:

Q3: write a statement to count GDP is null

Your query:

Q4: Write a statemet to show the number of countries in each continent and group by continents:

Your query:

Q5 : write a statement to show the total population in each continent, group by continents :

Your query:

Q6 : For each relevant continent show the number of countries that has a population of at least 200000000.

Your query: