1 Homework

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Project documentation

Tour de France

Questions

# Simples questions:

## Longest name:

Search for the longest name (First name + Last name) for each cyclist.

Display the longest name and number of character.

*For a list with 2 names: Benjamin Simon and Paul Nallet*

*🡪Longest name: Benjamin Simon (13)*

## Oldest member:

Search for the oldest cyclist member.

Display the member name and the year of it.

*For a list with 2 members: Benjamin Simon (21 years old) and Paul Nallet (20 years old)*

*🡪Oldest member: Benjamin Simon (21)*

## Most represented country:

Search for the most represented country.

Display the most represented country with the number of cyclist.

*For a list with 3 members: Jean Dup (France) Michel Bidu (Italia) and Celestin Arch (Italia)*

*🡪Most represented country: Italia (2)*

## Brand with two or more cyclists:

Search for brands who is represented by two or more cyclists

Display the most represented brand with the number of cyclists

*For example 🡪 Commencal (4) Mavic (2) Cube (2)*

## Cyclist without skills:

Search cyclists without any victory

Display the name of cyclist

*For example 🡪 Benjamin Simon – Alexandre Jayet – Nicolas machin*

## Average year:

Calculate the average year of all cyclists

Display the Average year

*For a list with 3 members: Jean Dup (20) Michel Bidu (30) and Celestin Arch (40)*

* *Average year: 30 years old*

# Complex questions:

## Not in random array:

Search cyclists in first array who don’t are in the random array.

Display an array with row for each missing cyclist(s) or a message with “Table is empty” if all cyclist is present.

## IN RANDOM ARRAY / How many are present:

Search cyclists in first array who are in the random array.

Display an array with row for each cyclist(s) with the count of instance