Exercise 01

WHAT YOUR PROGRAM SHALL DO

- You need to test an **array of numbers**

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- The array should not be empty. If empty, display on console:
  This array is empty

- To be valid, each number of the array shall be composed of **exactly 2 digits** and must be **positive**

- If valid, display on console:
  Valid array

- If not valid, display on console:
  Invalid array

INPUT		EXPLANATION
[]	This array is empty.	Array is empty.
[22, 33, 4, 2]	Invalid array	One value has 1 digit only
[22, 33, 44, -22]	Invalid array	One value is negative
[21, 33, 44, 66]	Valid array	Here is correct format

Exercise 02

- We have a text composed of several words

- Convert the **first character** of each word to uppercase
- Add all the word to a new array
  - except the word that start by letter **"w"**

- Console shall display the new array that contains all those words.

INPUT	CONSOLE
hello! welcome to web programing at pnc	['Hello!', 'To', 'Programing', 'At', 'Pnc']
romdul is cute girl	['Romdul', 'Is', 'Cute', 'Girl'
""	[]

Exercise 03

- We are an array of numbers

- Remove float numbers from this array

INPUT	CONSOLE
[2.2, 23.4, 3, 33, 10, 50, 90]	[3, 33, 10, 50, 90]
[2, 1, 2, 3.45, 78.3]	[2, 1, 2]
[2, 1, 3, 4]	[2, 1, 3, 4]

Exercise 04

- We have 3 lists:
  - Array of students (string)
  - Array of countries (string)
  - Array of majors (string)

  Return an **array of objects**
  - each object having a student, country, major as property

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INPUT	EXPLANATION

Students=
["Romdul", "RomChong", "Kolap"]
 	
Countries=
["Canada", "Cambodia", "Thai"]
 	
Majors=
["SNA", "WEB", "Database"]
	[
	  {student:"Romdul", country:"Canada", major:"SNA"},
	  {student:"RomChong", country:"Cambodia", major:"WEB"},
	  {student:"Kolap", country:"Thai", major:"Database"}
	]