Omer Rosenbaum, Shay Sadovsky

Déjà vu

General instructions

- Work with PyCharm
- It is recommended to 'play around' with the Python interpreter.
- Adhere to conventions.
- Check your solution before handing it in.

Déjà vu

Write a function that receives a 5-digit number, using the function raw_input. The function should print out:

1) The number itself.
2) The number's digits, one by one.
3) The sum of the digits.

An example of the function's run:

>>> analyze_number_digits()
Please enter your number:
24601
You entered the number: 24601
The digits of this number are: 2, 4, 6, 0, 1
The sum of the digits is: 13

Wait, what? I've seen this exercise before. I have déjà vu!

That's right. But this time, we can't assume that the user has inserted a correct input (a 5-digit number). In case the user inserts an incorrect input, we will ask for a new input – until the input is correct.

For example:

>>> analyze_number_digits()
Please insert a 5-digits number:
hello
Please insert a 5-digits number:
24601
You entered the number: 24601
The digits of this number are: 2, 4, 6, 0, 1
The sum of the digits is: 13

Good luck!

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