Herramientas Computacionales para Ciencias
Homework 6

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Rules

This week we are going to concentrate on Jupyter Notebooks and Modules on `python`.

On this assignment you will have to construct two modules and import them on a jupyter notebook, so you have to send the three files on a `.zip` or `.rar` with your UniAndes username as the compressed file name.

Module 1 [1/5]

Construct a module named `mod1.py` with the following functions,

- **[0.25/1]** `Sum(a,b)`: sums two strings, to make sure that it works even if an integer or float pair is passed to the function, use the build-in function `str()`.
- **[0.25/1]** `Fib(n)`: returns only the n-th number of the Fibonacci recursion.

Module 2 [1/5]

- **[0.25/1]** `Sum(a,b)`: sums two integers, to make sure that it works even if a string or float pair is passed to the function, use the build-in function `int()`.
- **[0.25/1]** `Fib(n)` returns a list with all the Fibonacci recursion until the n-th.

[0.5/1]For the two modules, create a new function of your choice, with the same name in both cases but different implementation and result!

Notebook [3/5]

You will have to use the markdown cells, for more information use link1 link2.

- **[1/3]** Make the documentation of the two modules using the markdown cells.
- **[0.5/3]** You will have to import the two previous modules with different alias.
- **[0.5/3]** Use all the functions of the modules.
- **[1/3]** Show the differences of the methods with the same name.

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