

## Description

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How I understood the task:

Make as OOP.

Made class that:

Take input as single string.

Separate scheme, login and parameters.

All parameters for a path are valid.

Scheme must be 'visma-identity'.

Path must be 'login', 'confirm' or 'sign'.

Path 'login' needs source(s) as parameter.

Path 'confirm' needs source(s) and payment number(i) as parameters.

Path 'sign' needs source(s) and document id(s) as parameters.

Class returns path in string and key parts of parameters.

Test program. Doesn't need to be class.

Record my thoughts somewhere and write description.

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Plan:

Record my thoughts here.

Class with lot of functions with python.

No libraries for universal use.

Test my skills.

Commend immediately to everything as documentation.

Try my best.

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### Challenges:

Was not completely sure of what counts as object oriented program, so had to look it up.

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### Further improvements and their compromises:

Could probably have done another loop or different function to parse original string and another for checking. That would at least made the code more readable, but I decided to honour your time limit as I performing this task currently at 2 hours and 44 minutes.