Advanced Python: Homework set 8

2023/2024

You can receive up to 6 points for this task.

There are many web services available on the web that offer API access. Your task is to select at least two of these different websites and download any data. Additionally, at least one of them should use authentication, e.g. in the form of API Key.

Program the data retrieval asynchronously using asyncio/aiohttp. The synchronous version, e.g. with requests, is worth at most 4 points. To avoid spreading your credentials, these data (passwords, API Keys etc.) should be placed in a separate file (e.g. private.py) and imported to fundamental solution.

Send the implementation to SKOS without the private.py file. The teacher may wish to receive a personal demonstration of how the program works using the file private.py to verify their operation. Below are places containing lists of services offered by API:

1. RapidAPI

2. public-apis