Summary

In this assignment you will create a mini module pipeline for checking security issues within a given package (supplied via zip file)

The goal is to set a up a backend that receives package details via command line argument,
and then performs testing and analyzing on the files.

There are 2 modules you need to implement:
The First module will receive the package from the backend and will search for secrets in the files (check if the word password exists and extract the password)

The second module will analyze the files by:
1. find the number of files from each type (e.g. .py, .txt, etc...)
2. list the top 10 files by size sorted

lastly create a simple pdf with the analyzed results.

every module should run in a docker container of its own. Both containers needs to have access to the files on the system (docker volumes).

Notes:
1. Focus first on the assignment without the containers. that's more important.
2. The backend can be on a container too but not mandatory
3. If you have any questions about the assignment send questions to Ofir: 0545426282