

Challenge:

Your task is to implement simple product catalog with UI and backend.

Product catalog contains at least names, amounts for sale (i.e. stock) and prices of available products.

We need the following functions:

1. Adding/removing/editing products in product catalog
2. Searching product from catalog by matching the beginning of product name
3. API for querying products from product catalog with basic pagination (e.g. 100 products / query), sorted by given sorting key (name or price).

We appreciate good programming practices (e.g. tests) and readability of your solution etc.

Use Python Flask and freely any open source software libraries.

To store data, anything can be used.

Bonus points:

- Using GIT, good clear atomic commits
- Docker container packaging
- Frontend development with React, AngularJS