first digital bank (in-setup) - automation exercise

in this exercise, you will create a scrapper using python that will extract some amazon website-specific data, and validate the appearance of some items:

1. open Amazon web page [www.amazon.com](http://www.amazon.com).
2. in the search input box insert the following text “software automation” and click on the search.
3. for each result items found in the next 4 pages extract the following details:
   1. item title.
   2. price.
   3. number of stars.
4. save all into a CSV file

the test should validate:

1. an item exists containing the following text title: “Software Automation Testing Secrets Revealed”.
2. no item exists with a price of $0.

while doing the exercises follow the next guidelines:

1. work by using the “Page Object Model” design pattern (using more design patterns is welcome).
2. follows “the zen of python” guideline (<https://www.python.org/dev/peps/pep-0020/>).
3. use a testing frame of your choosing.
4. the code should follow the SOLID principles.
5. create a readme.md file - **assignment without clear instructions** on how to execute the code will not be accepted.

Bonus:

1. write the result into a local DB using docker and write clear instructions on how to deploy it.