Rogan Tong 14062696

<https://shares-352.herokuapp.com/index.html>

Username and Password = 14062696

# Current Issues.

I was able to get it running on Docker and Locally, but Heroku has an issue. looking at the Heroku logs I cannot seem to pinpoint an error; I refactored my code a couple of times to no avail. It currently will validate, add remove and delete stocks, and shows the graph but on submitting stock to the portfolio it stalls and will not refresh the page. Going back to portfolio.html will show that the stock is added.

Originally, I was returning a html file for both submits but swapped to php on a mission to fix Heroku stalling on post but then realised I didn’t really understand php.

After a lot of research, I think I should have done it client side and updated it without the page needing to reload just the container updating.

# Running the Application.

## Locally

Recommended to use python 3.7 Install & update python dependencies.

import pycurl

import urllib3

import requests

from base64 import b64encode

Make sure only serverPort = 8080 is uncommented

# serverPort = 8080

# serverPort = int(sys.argv[1])

Run server3.py

Open browser (preferably chrome)

Navigate to localhost:8080

## Docker

Make sure that only serverPort = int(sys.arg[1]) is uncommented.

Open command line and run below 4 commands.

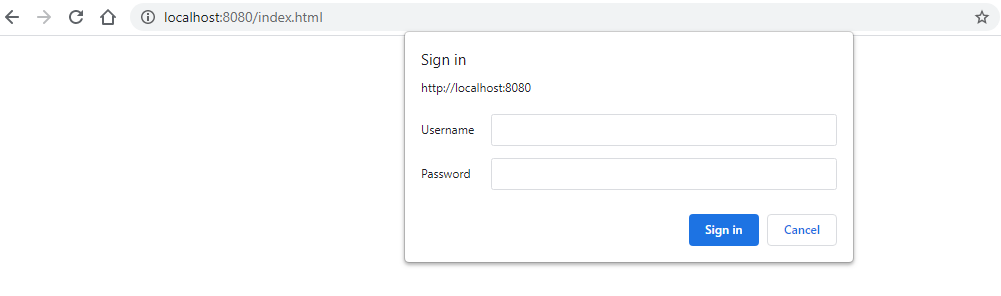
1. Cd (--your file directory--/14062696-ass1)
2. docker image pull python:3.7-alpine
3. docker image build -t server:latest .
4. docker container run -d --name pyServer --publish 8080:8080 server:latest

Open browser (preferably chrome)

Navigate to localhost:8080

# Using the Application

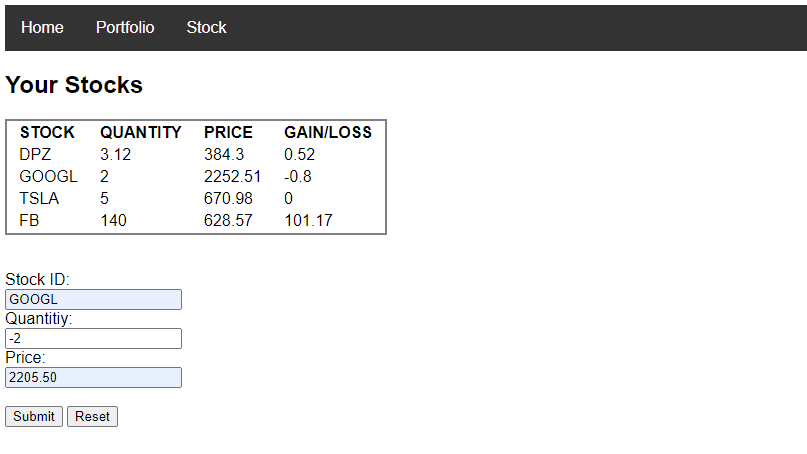
Sign in



username = '14062696'

password = '14062696'

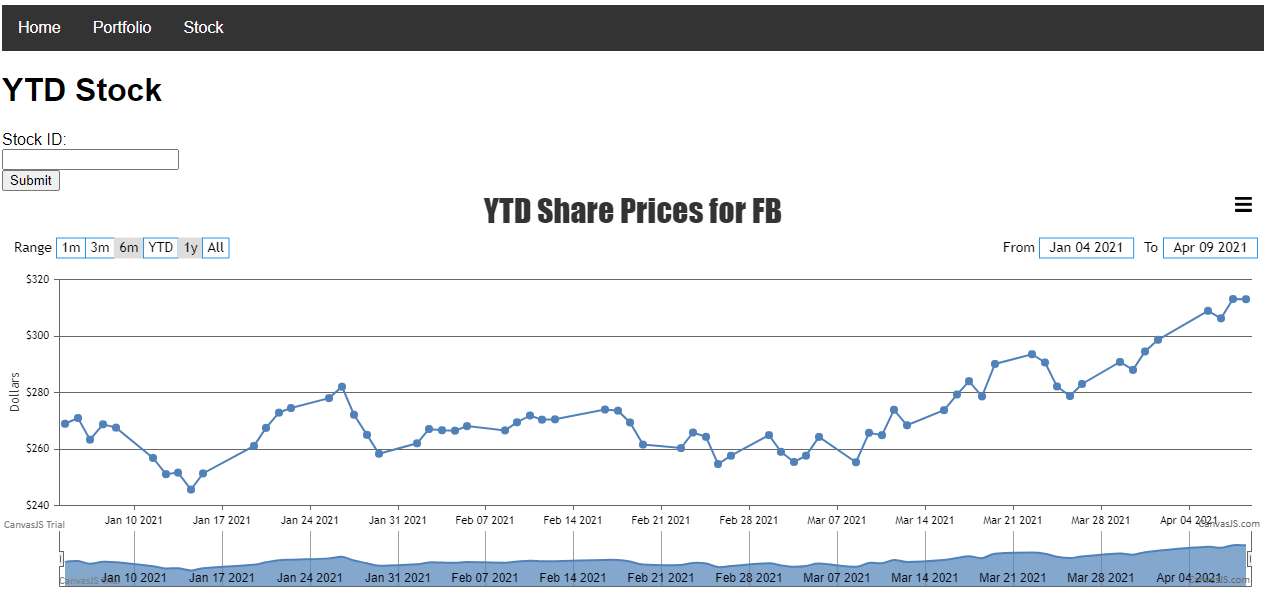
## **portfolio.html**



Add valid ID in stock ID

Add quantity in quantity: negative numbers will remove, positive add, if you go below 0 it will delete price can be anything when deleting below 0.

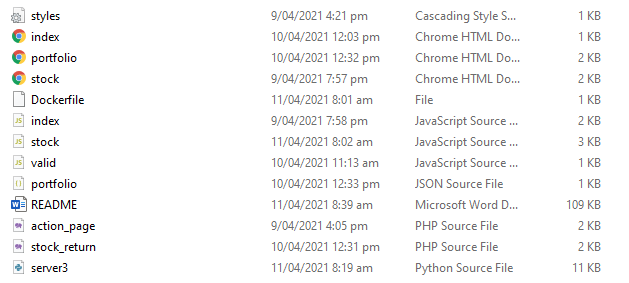
## **Stock.html**



Add stock symbol then submit to get ytd graph

# About the files.

All python and JS files have comments internally relating to what their function is.



index.html is currently the landing page to navigate from but also has no other information other than a navbar.

portfolio.json holds all user generated data.