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159352
Assignment 1

In this assignment, I saved all the file in H: drive “159352 Assignment 1” folder. (I solved the problem and save all the files to “Assignment 1 – 159352”)

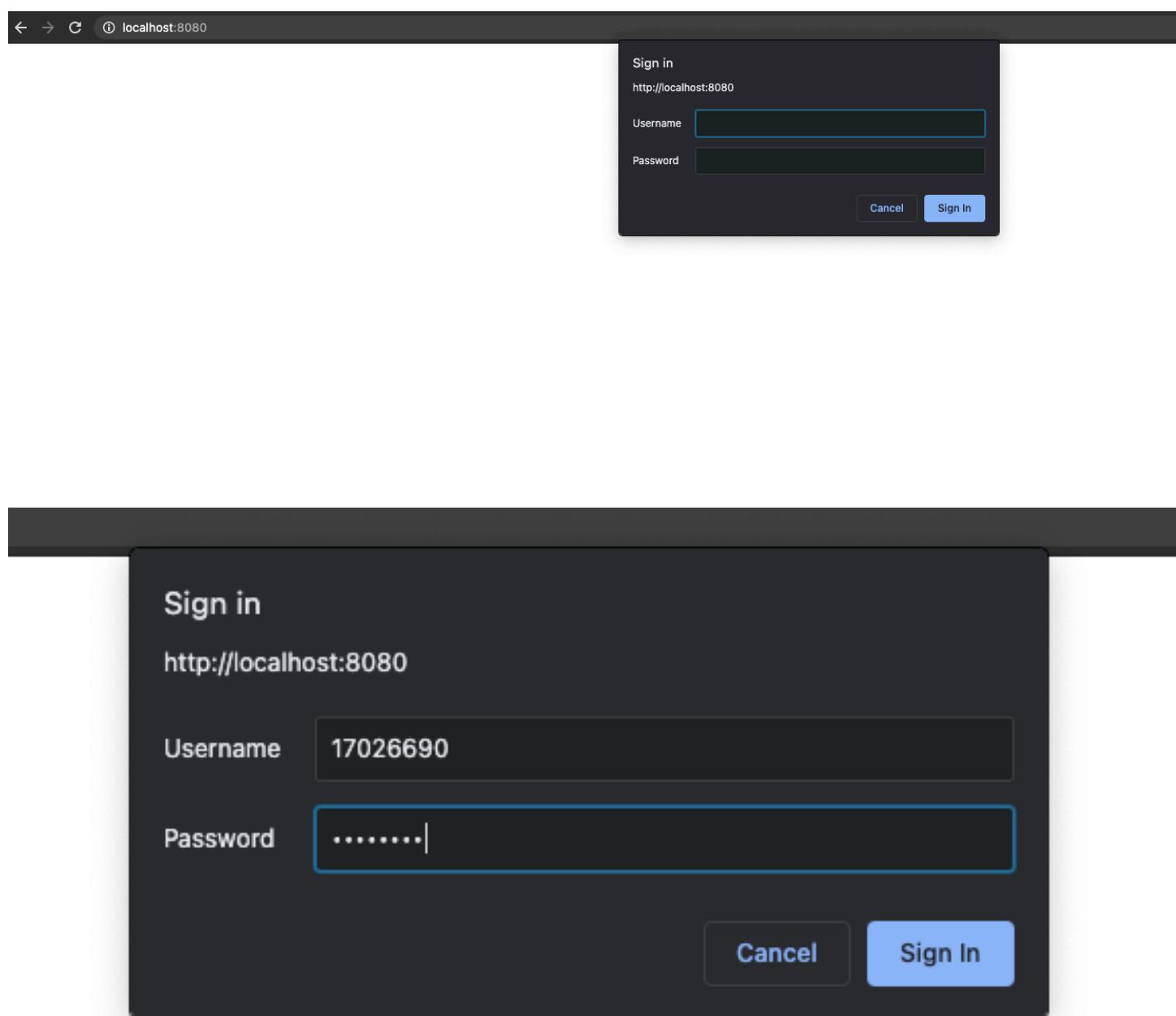
I can run it on my local machine without docker container.

When open portfolio and stock, need to refresh the page or wait to load the getSymbol function.
After that, the select option can work fine.
Still thinking how to solve this problem.

I also find that in Dropdown option for select the symbols.

Need to configure the limit of "json.maxItemsComputed" in VS code to display over 1x,xxx symbols
Now, I set it to 15,000.

This is my print screen when I run it locally.



Welcome to My Portfolio Homepage

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My Portfolio Information

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Stock	Quantity	Price	Gain/Loss
FB	200	300	-10%
AAPL	400	504	-82%
AMZN	100	120	36%
NFLX	100	550	36%
GOOGL	100	360	36%
AA	100	750	-95%
ESBA	200	150	-92%
AACQ	200	350	-97%
A	100	320	-58%
AAC	200	150	-93%

Stock symbol

Choose Symbol ▾

Quantity

Price

My Portfolio Information

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AA	100	750	-95%
ESBA	200	150	-92%
AACQ	200	350	-97%
A	100	320	-58%
AAC	200	150	-93%

Stock symbol

✓ Choose Symbol

- A
- AA
- AAA
- AAAU
- AAC
- AAC+
- AAC=
- AACG
- AACOU

AACQ	200	350	-97%
A	100	320	-58%
AAC	200	150	-93%

Stock symbol

DKS

Quantity

100

Price

300

[Reset](#)

[Update](#)

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NFLX	100	550	36%
GOOGL	100	360	36%
AA	100	750	-95%
ESBA	200	150	-92%
AACQ	200	350	-97%
A	100	320	-58%
AAC	200	150	-93%
DKS	100	300	-72%

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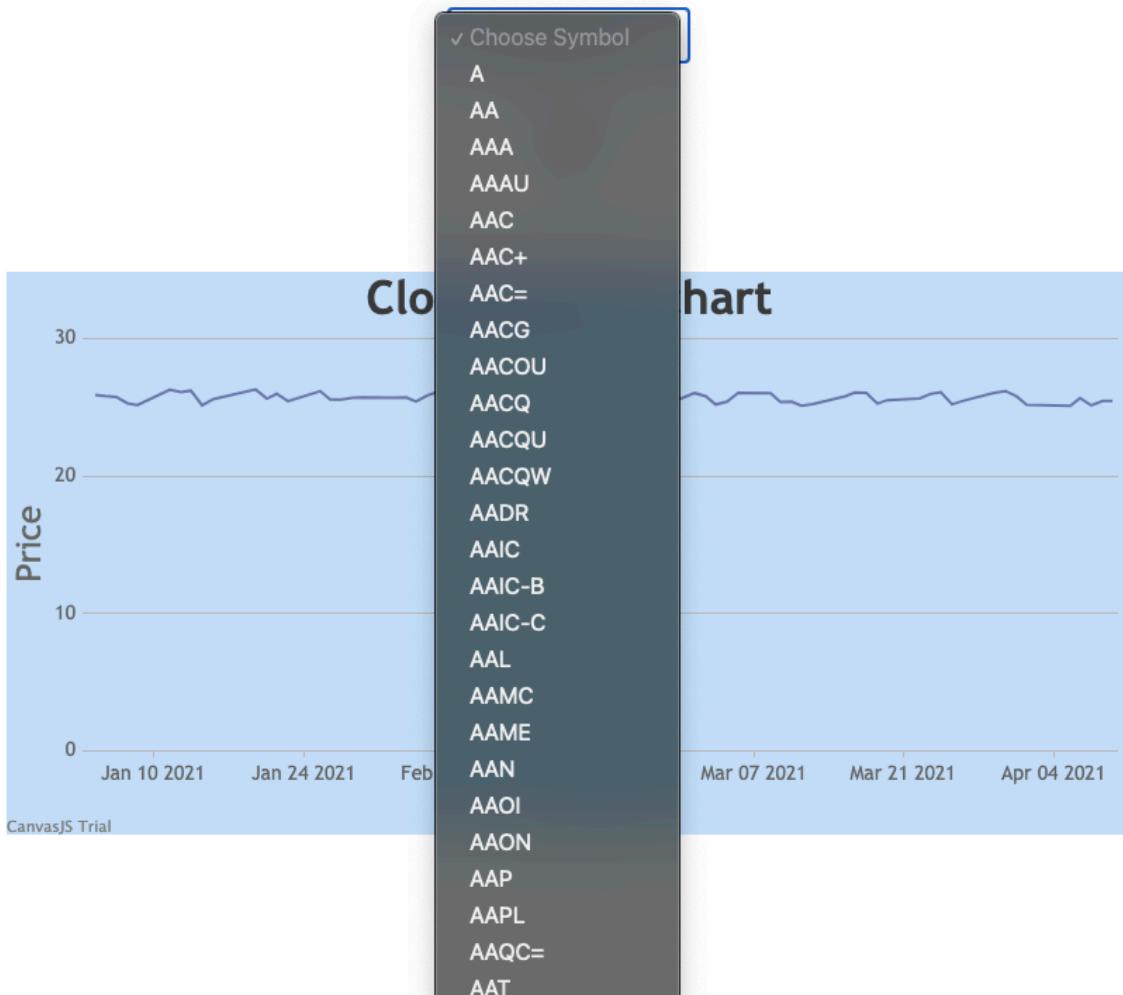
Stock symbol

Choose Symbol ▾

Submit



Stock symbol



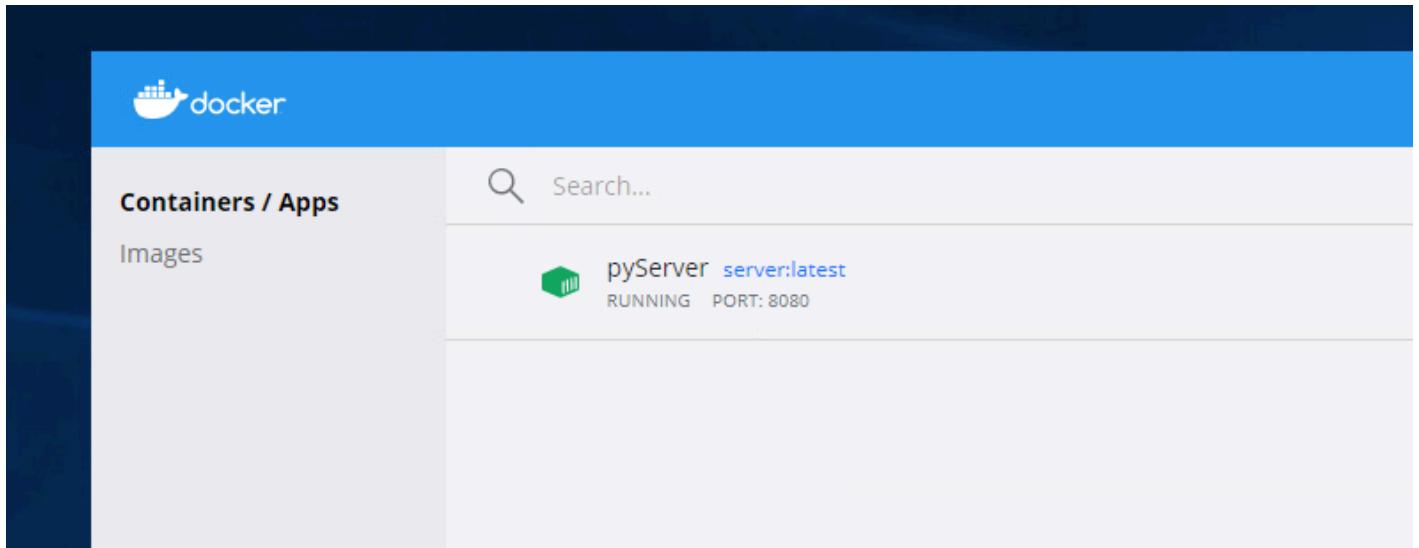
Stock symbol

Choose Symbol ▾

Submit



Part 4, I successfully created a Docker image and a Docker container.



```
1/04/2021 01:17 PM      5,666 stock.html
1/04/2021 01:17 PM      363,425 symbol.json
  9 File(s)      520,259 bytes
  2 Dir(s)  1,022,935,040 bytes free

::\159352 Assignment 1>docker image build -t server:latest .
[+] Building 3.7s (11/11) FINISHED
=> [internal] load build definition from Dockerfile          0.0s
=> => transferring dockerfile: 569B                          0.0s
=> [internal] load .dockerignore                            0.0s
=> => transferring context: 2B                            0.0s
=> [internal] load metadata for docker.io/library/python:3.8.5 3.2s
=> [1/6] FROM docker.io/library/python:3.8.5@sha256:e9b7e3b4e9569808066c5901b8a9ad315a9f14ae8d3949ece22ae339fff2 0.0s
=> [internal] load build context                           0.0s
=> => transferring context: 821B                          0.0s
=> CACHED [2/6] RUN pip install --compile --install-option="--with-openssl" pycurl 0.0s
=> CACHED [3/6] RUN pip install pandas                   0.0s
=> CACHED [4/6] RUN pip install numpy                   0.0s
=> [5/6] COPY . /src                                     0.1s
=> [6/6] WORKDIR /src                                  0.1s
=> exporting to image                                 0.2s
=> => exporting layers                                0.1s
=> => writing image sha256:70b13ef99505aeed18818970a8a1fba822683eef7c36a27071292fd8c94effb2 0.0s
=> => naming to docker.io/library/server:latest        0.0s

::\159352 Assignment 1>docker container run -d --name pyServer --publish 8080:8080 server:latest
9f80d77d280e63e49bd48d32730d2fcf72ac5113d0902ec9b19dc0c12250029

::\159352 Assignment 1>docker image build -t server:latest .
[+] Building 2.8s (11/11) FINISHED
=> [internal] load build definition from Dockerfile          0.0s
=> => transferring dockerfile: 570B                          0.0s
=> [internal] load .dockerignore                            0.0s
=> => transferring context: 2B                            0.0s
=> [internal] load metadata for docker.io/library/python:3.8.5 2.6s
=> [1/6] FROM docker.io/library/python:3.8.5@sha256:e9b7e3b4e9569808066c5901b8a9ad315a9f14ae8d3949ece22ae339fff2 0.0s
=> [internal] load build context                           0.0s
=> => transferring context: 822B                          0.0s
=> CACHED [2/6] RUN pip install --compile --install-option="--with-openssl" pycurl 0.0s
=> CACHED [3/6] RUN pip install pandas                   0.0s
=> CACHED [4/6] RUN pip install numpy                   0.0s
=> CACHED [5/6] COPY . /src                                     0.0s
=> CACHED [6/6] WORKDIR /src                                  0.0s
=> exporting to image                                 0.1s
=> => exporting layers                                0.0s
=> => writing image sha256:94e5c8ab974151d681d2e3870d82fd87ef6e9b4796a49de1d98311e3c298e33a 0.0s
=> => naming to docker.io/library/server:latest        0.0s

::\159352 Assignment 1>heroku login
```

```

H:\159352 Assignment 1>heroku login
»   Warning: Our terms of service have changed: https://dashboard.heroku.com/terms-of-service
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.herokuapp.com/auth/cli/browser/63be4a4b-ea13-41d7-97cf-8f4383b013f8?requestor=SFMyNTY.g2DbQAAA0xMzAuMTIzLjM1LjE0bgYAnvfwV3gBYgABUYA.jyAEEyXaBaYliBH-I4ECXWaNGGA3Ng_DjcEbbAu4hb0
Logging in... done
Logged in as rchlam27@gmail.com

H:\159352 Assignment 1>heroku container:login
»   Warning: heroku update available from 7.51.0 to 7.52.0.
Login Succeeded

H:\159352 Assignment 1>heroku container:push -a chihanglamwebdev159352 web
»   Warning: heroku update available from 7.51.0 to 7.52.0.
== Building web (H:\159352 Assignment 1\ Dockerfile)
[+] Building 3.4s (11/11) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 570B
=> [internal] load .dockerrcignore
=> => transferring context: 2B
=> [internal] load metadata for docker.io/library/python:3.8.5
=> [1/6] FROM docker.io/library/python:3.8.5@sha256:e9b7e3b4e9569808066c5901b8a9ad315a9f14ae8d3949ece22ae339ffff
=> [internal] load build context
=> => transferring context: 520.75kB
=> CACHED [2/6] RUN pip install --compile --install-option="--with-openssl" pycurl
=> CACHED [3/6] RUN pip install pandas
=> CACHED [4/6] RUN pip install numpy
=> CACHED [5/6] COPY . /src
=> CACHED [6/6] WORKDIR /src
=> exporting to image
=> => exporting layers
=> => writing image sha256:94e5c8ab974151d681d2e3870d82fd87ef6e9b4796a49de1d98311e3c298e33a
=> => naming to registry.heroku.com/chihanglamwebdev159352/web
== Pushing web (H:\159352 Assignment 1\ Dockerfile)
Using default tag: latest
The push refers to repository [registry.heroku.com/chihanglamwebdev159352/web]
5f70bf18a086: Pushed
0ebbade6df19: Pushed

=> => writing image sha256:94e5c8ab974151d681d2e3870d82fd87ef6e9b4796a49de1d98311e3c298e33a
=> => naming to registry.heroku.com/chihanglamwebdev159352/web
== Pushing web (H:\159352 Assignment 1\ Dockerfile)
Using default tag: latest
The push refers to repository [registry.heroku.com/chihanglamwebdev159352/web]
5f70bf18a086: Pushed
0ebbade6df19: Pushed
88a3571a67e5: Pushed
9b39b979f2ca: Pushed
751a78eeee86: Pushed
dd275046203b: Pushed
48fd0662e424: Pushed
817923b47cba: Pushed
0fb2e27dc3b8: Pushed
a995c5106335: Pushed
17bdf5e22660: Pushed
d37096232ed8: Pushed
6add0d2b5482: Pushed
4ef54afed780: Pushed
latest: digest: sha256:2a232a9b561d71d59addb07ef07952c1234a8898966e1da5c2cd482de9f787da size: 3263
Your image has been successfully pushed. You can now release it with the 'container:release' command.

H:\159352 Assignment 1>heroku container:release -a chihanglamwebdev159352 web
»   Warning: heroku update available from 7.51.0 to 7.52.0.
Releasing images web to chihanglamwebdev159352... done

H:\159352 Assignment 1>

```

However, when I run it on the browser. It does not work.



This page isn't working

localhost didn't send any data.

ERR_EMPTY_RESPONSE

[Reload](#)

I also tried to open it on the docker desktop. It also does not work too.



Can't reach this page

- Make sure the web address <http://localhost:8080> is correct
- [Search for this site on Bing](#)
- [Refresh the page](#)

[More information](#)

[Fix connection problems](#)

I tried many times. Therefore, I push the container to Heroku first.
This is my application link:

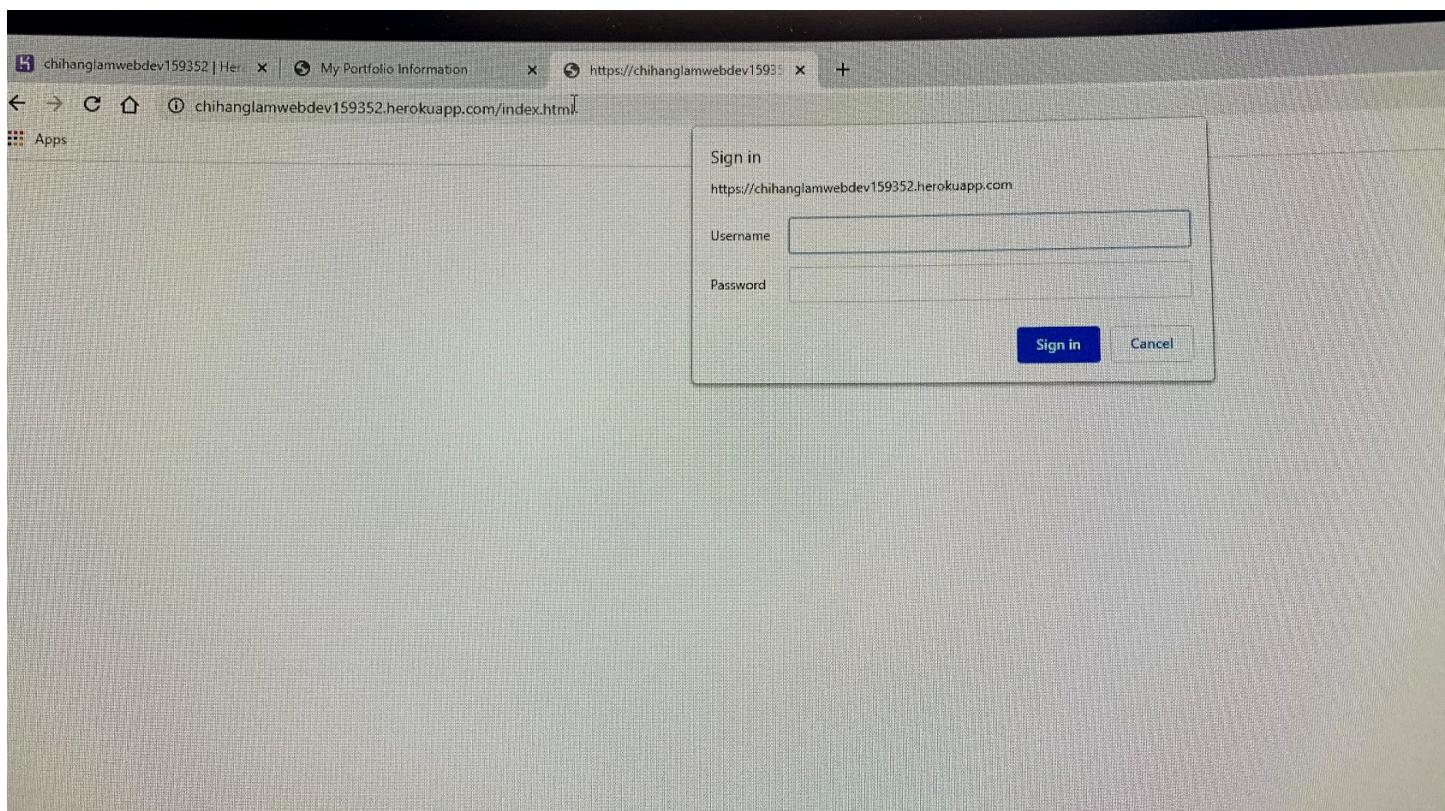
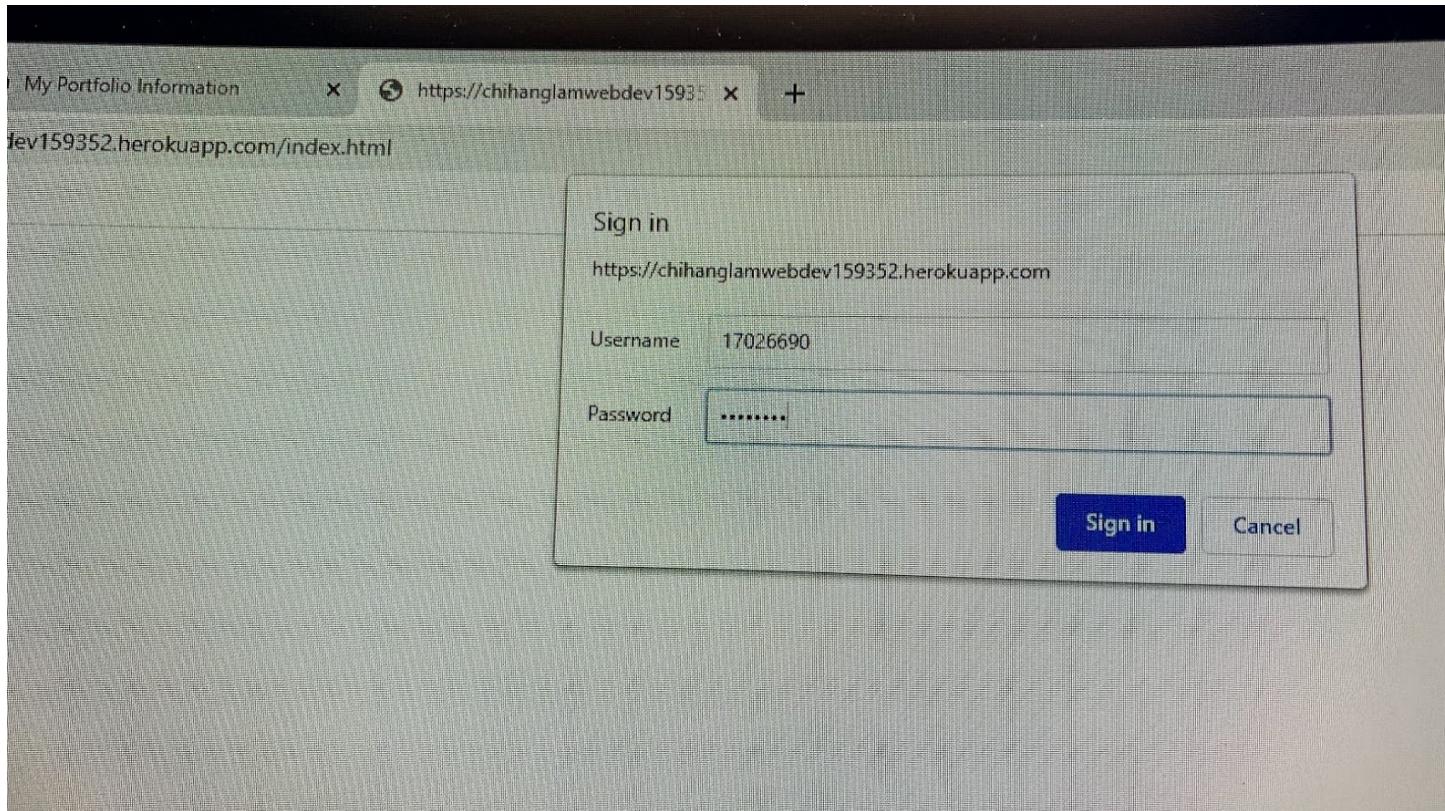
<https://chihanglamwebdev159352.herokuapp.com/index.html>

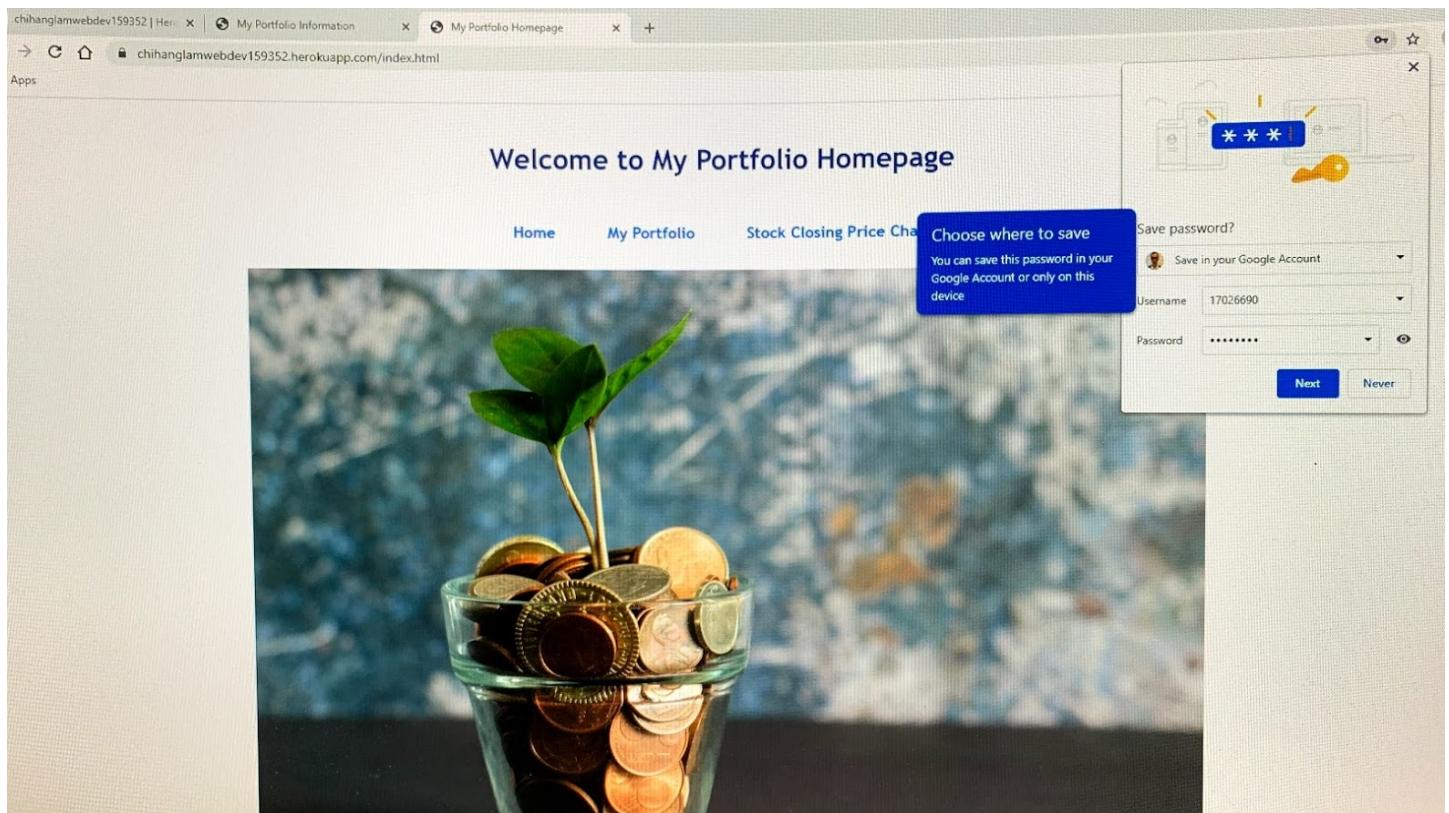
As I mentioned before, it cannot work.

A screenshot of a web browser showing the homepage of Massey University. The title bar reads "Massey University of New Zealand" and the URL is "chihanglamwebdev159352.herokuapp.com/index.html". The page features the university's logo and name, navigation links for Māori @ Massey, International students, and Library, and sections for Study Ako and Student life. The main heading "Welcome to Massey University" is prominently displayed.

A screenshot of a web browser showing an "Application Error" page from Heroku. The title bar reads "Application Error" and the URL is "chihanglamwebdev159352.herokuapp.com/index.html". The page displays a large error icon and the text "Application error". Below it, a message states: "An error occurred in the application and your page could not be served. If you are the application owner, [check your logs for details](#). You can do this from the Heroku CLI with the command `heroku logs --tail`".

Finally, I found the problem. I set the serverHost to 127.0.0.1 rather than ". When I change it be to ". It work.





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A	100	320	-58%
AAC	200	150	-93%

