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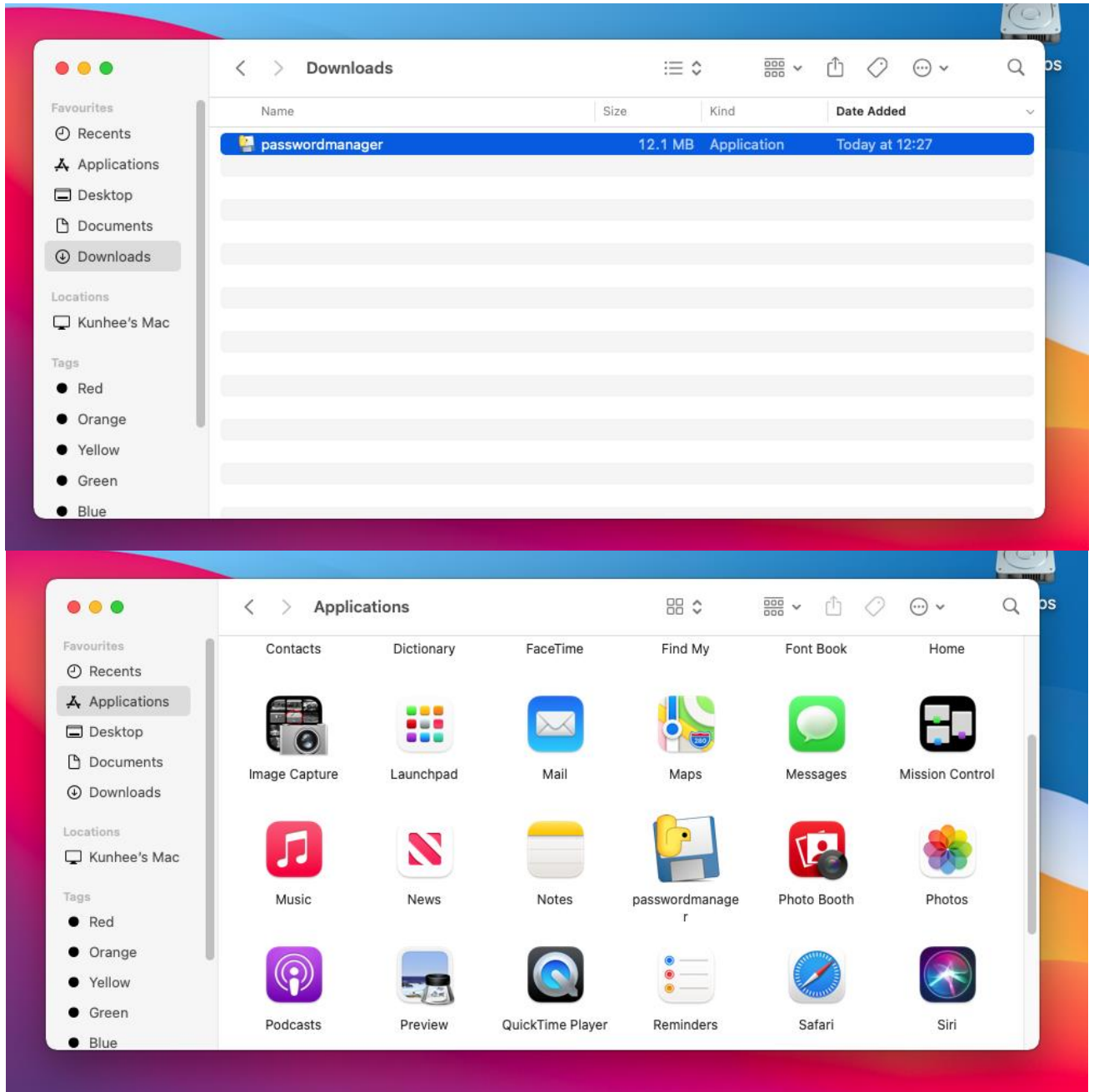
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## Mac

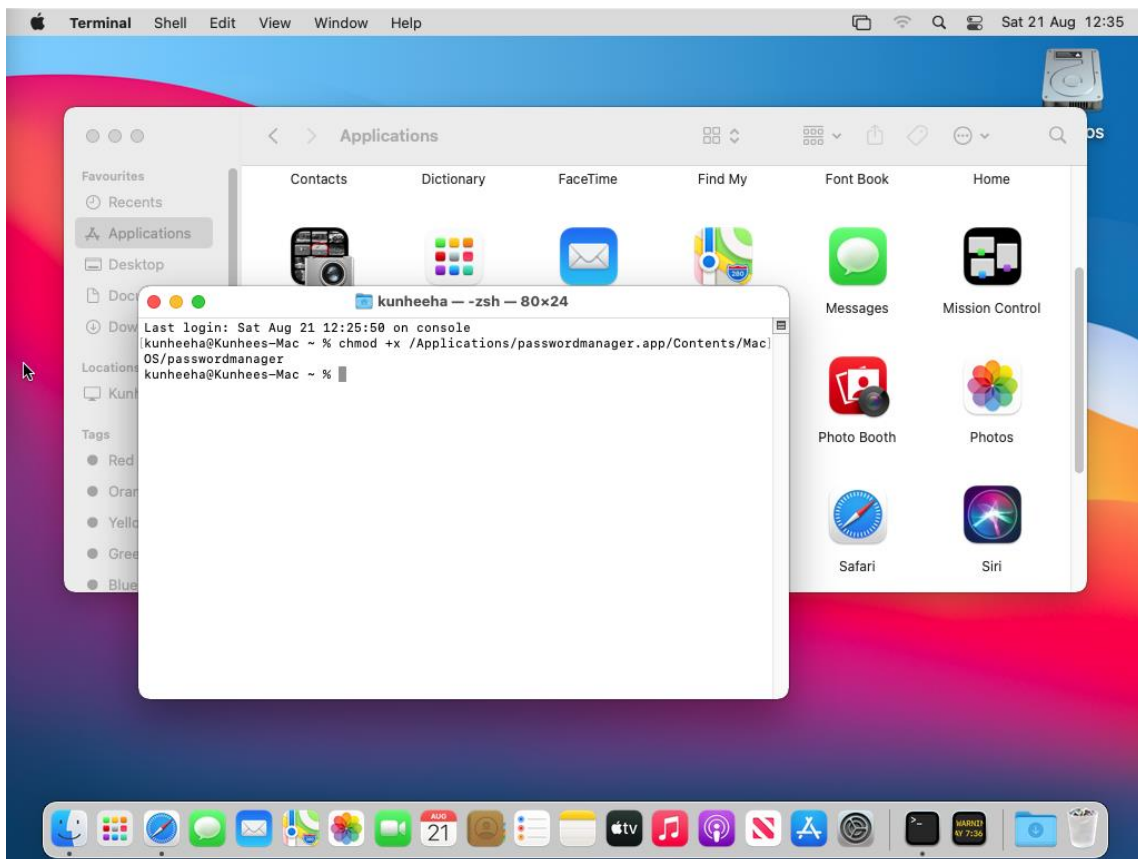
1. Download the app file and move the downloaded app to the Applications folder



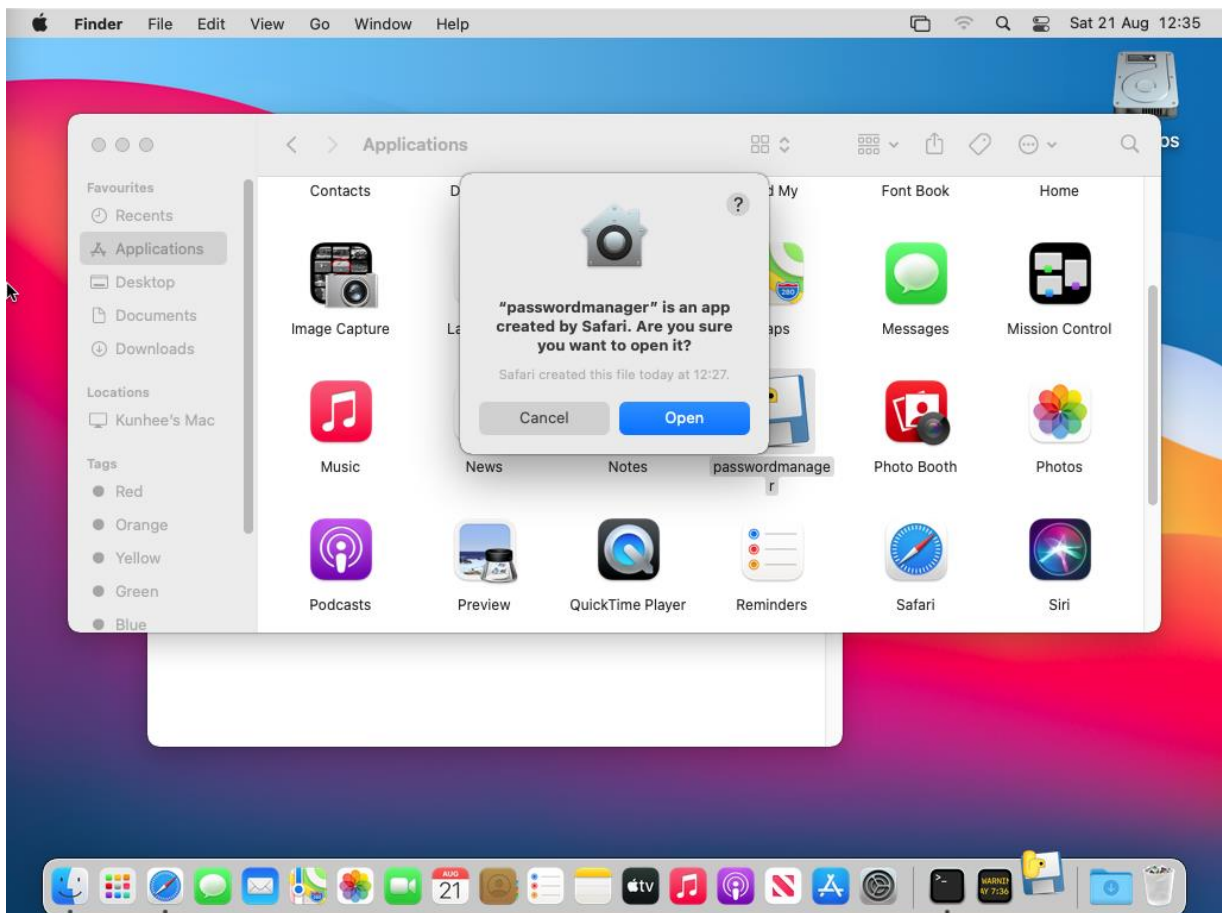
## Installation Guide

## Password Manager (python)

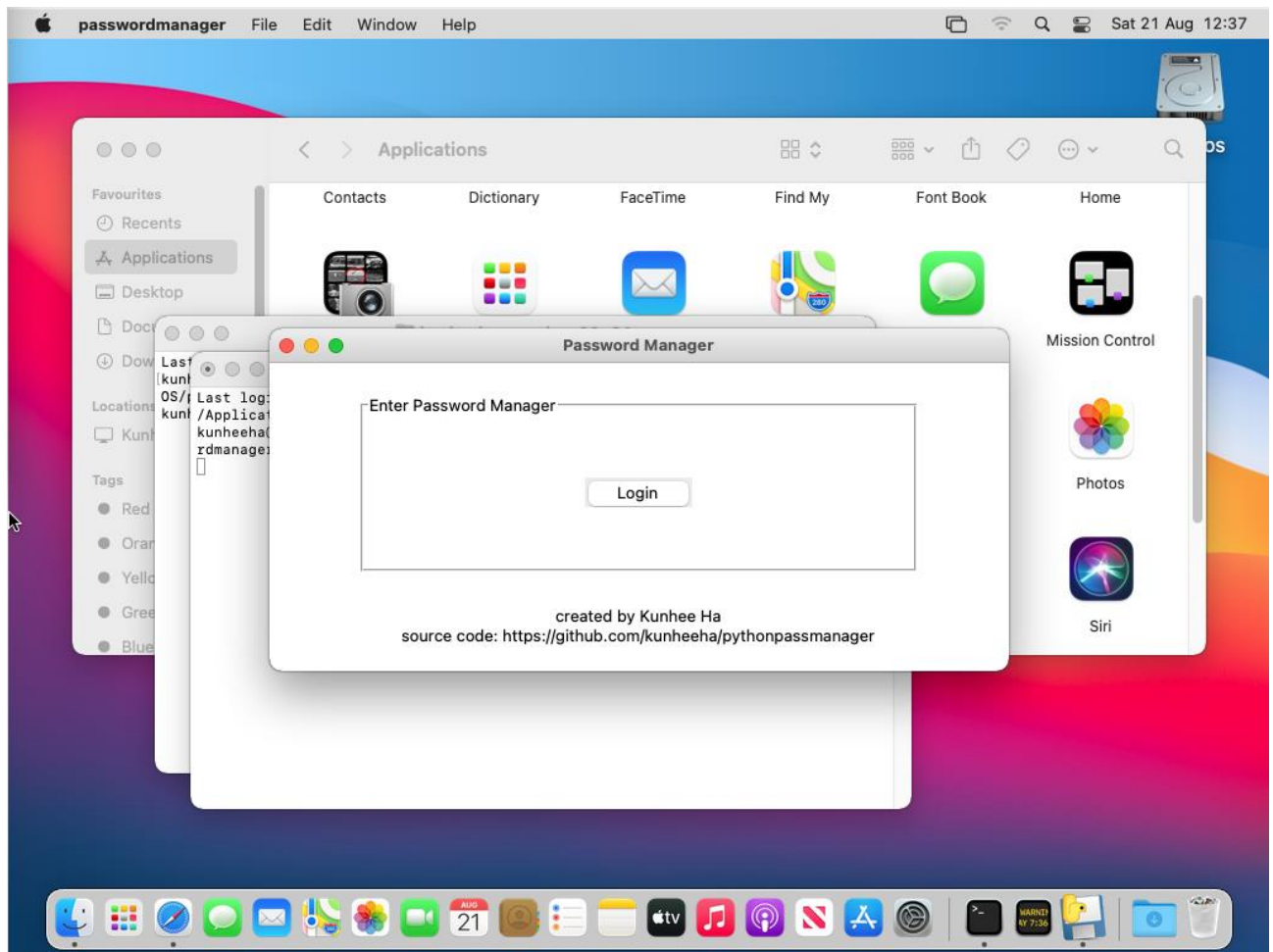
2. Open terminal and paste “`chmod +x /Applications/passwordmanager.app/Contents/MacOS/passwordmanager`”



3. Double click the passwordmanager app in the Applications folder – this will prompt a warning sign to pop up



4. Click Open
5. The application should run and you should be greeted with the following window



If you encounter any errors or the application does not open after following the above steps, do the following:

1. After attempting to run the application by clicking Open in the warning prompt, open System Preferences and go to Security and Privacy
2. At the bottom of the General tab there should be a message saying “System software from unknown developer was blocked from loading” with an Allow button next to it
3. Click on the lock on the bottom left corner, type in your user password, and click the Allow button
4. Open terminal again and paste “`chmod +x /Applications/passwordmanager.app/Contents/MacOS/passwordmanager_bin`”
5. Double click the passwordmanager app in the Applications folder
6. The application should now run

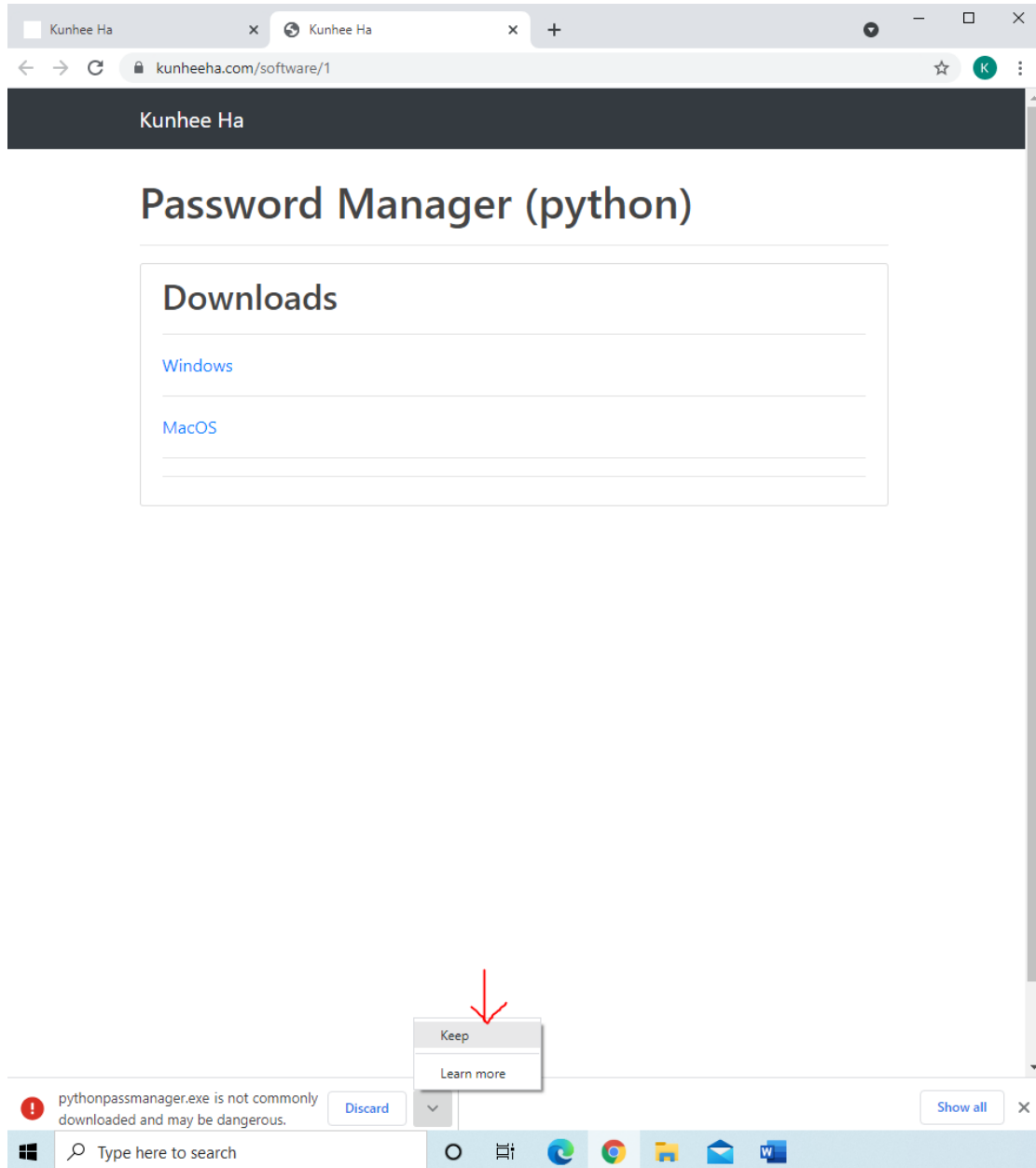
Notes on above steps for those familiar with terminal:

DO NOT run `chmod +x` or `chmod 755` recursively on `passwordmanager.app/Contents/MacOS`, this seems to damage the `passwordmanager_bin` file that is required for the application to run

The Mac should attempt to open `passwordmanager_bin` from the `passwordmanager` script, then identify that it isn't from an identified developer first. Only after the 'open anyway' option is clicked on settings can `chmod +x` be run on `passwordmanager_bin` for it to open when the app is double clicked.

## Windows

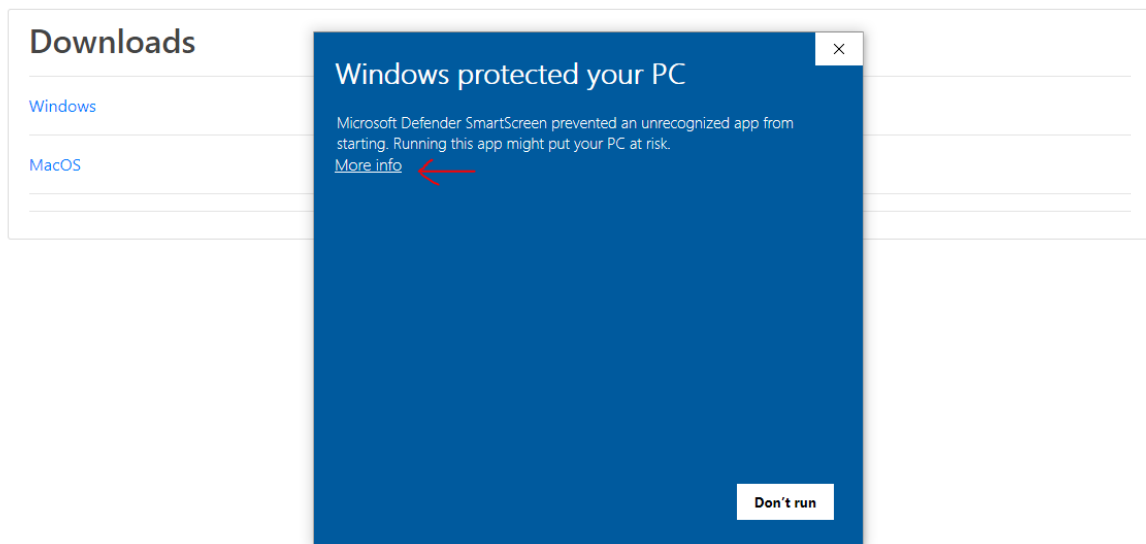
1. Download the exe file – this will prompt a warning sign as shown. Click on the arrow on the right and click Keep



2. Double click the downloaded exe – this will prompt a warning sign to pop up
3. Click on 'more info' then 'run anyway'

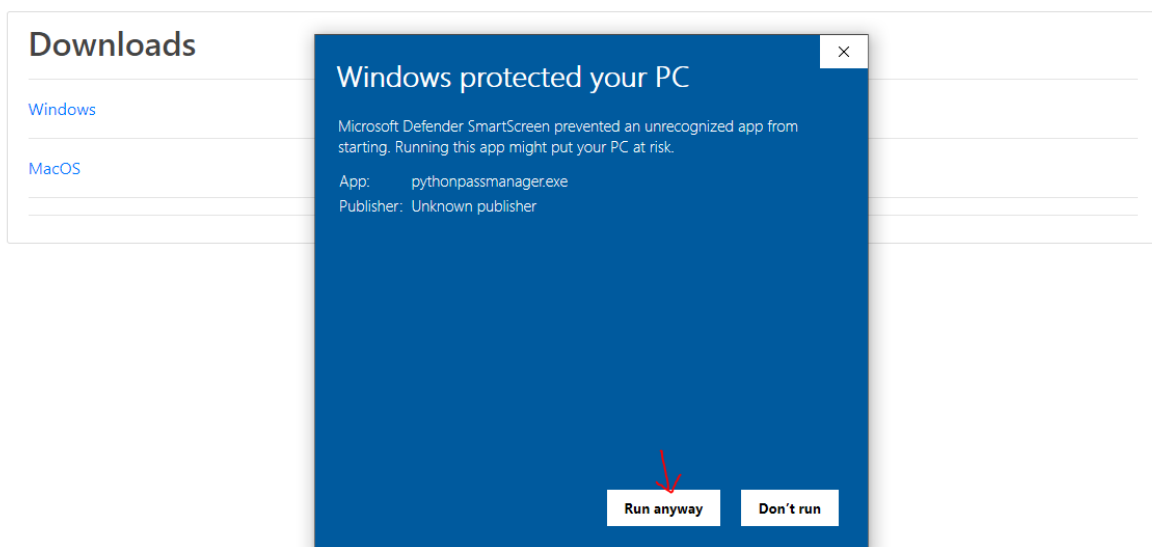
Kunhee Ha

## Password Manager (python)



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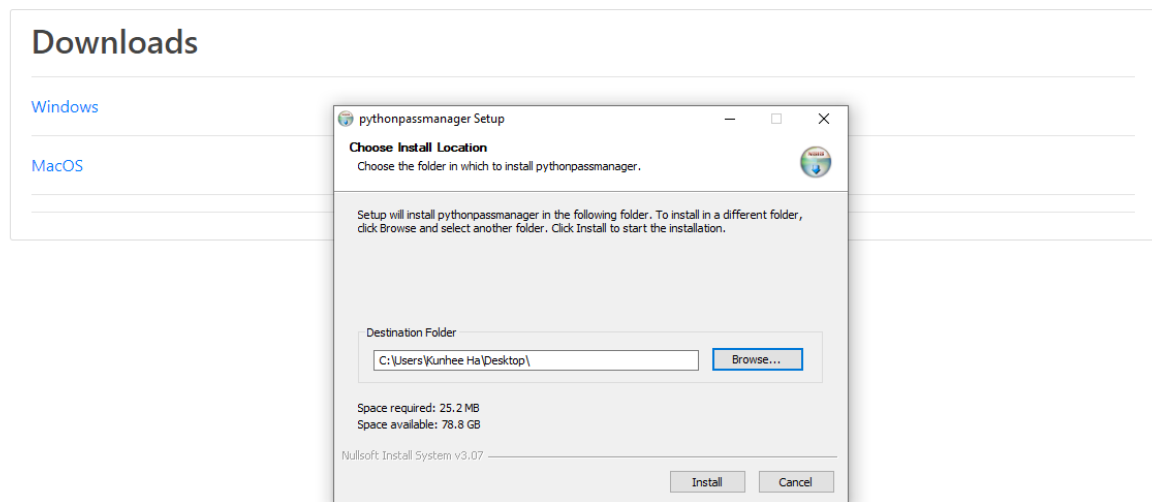
## Password Manager (python)



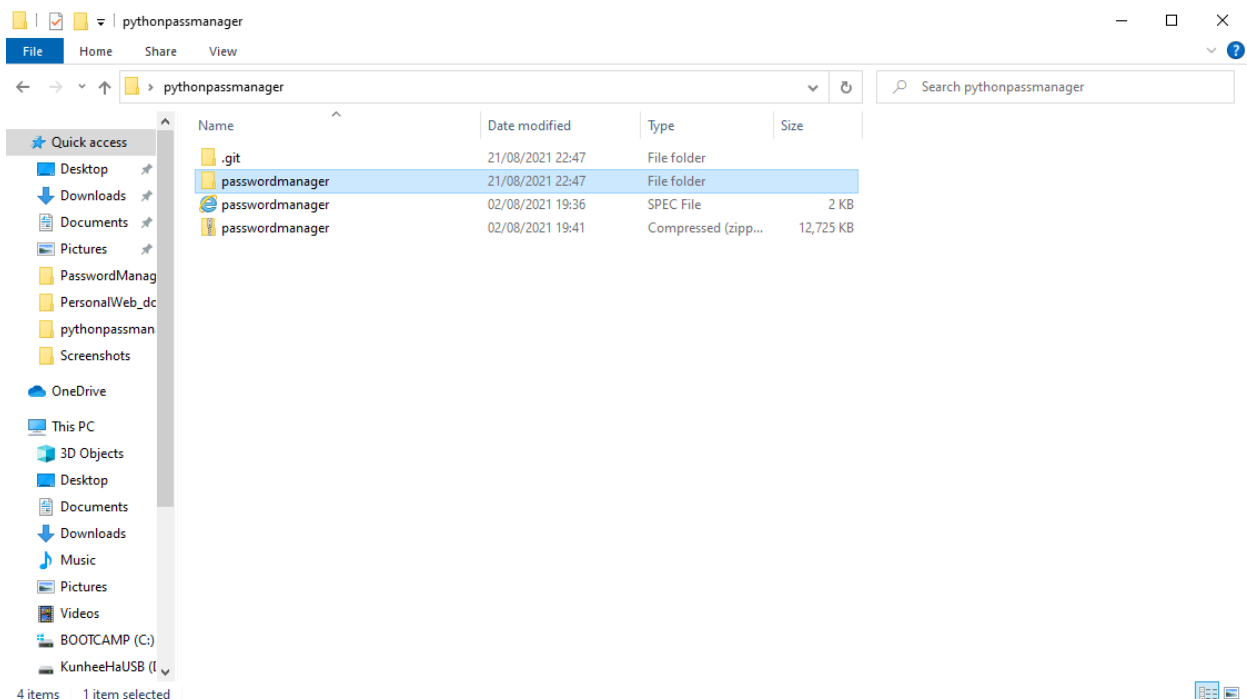
- Specify where you want to install the app on the installer and click Install – this should install a folder called passwordmanager to the directory you specified

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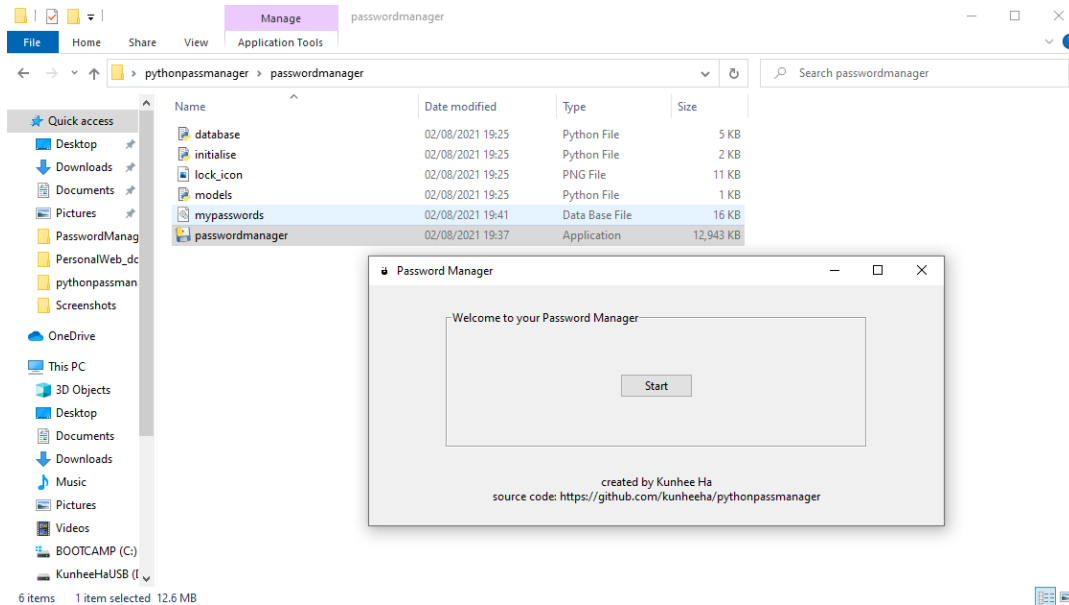
## Password Manager (python)



- Within the installed passwordmanager folder there should be another folder with the same name – the other folders and files can be deleted (.git, passwordmanager.spec, passwordmanager.zip)



6. Double click the passwordmanager file within the folder of the same name – the application should run and you should be greeted with the following window



If you encounter any errors or the application does not open after following the above steps, do the following:

1. Open Windows Security and go to Virus and threat protection
2. Under Current threats you might see a supposed trojan threat named Trojan:Win32/Sabsik.FL.A!ml
3. Click on the threat and make sure that its 'affected items' is the passwordmanager.exe file
4. Select Allow on Action options
5. Click Start action
6. Double click the passwordmanager application again and it should run

## To run the original python script:

1. Git clone from `kunheeha/pythonpassmanager` and cd into directory
2. Setup a virtual environment and activate (macOS 'source venv/bin/activate' OR windows 'venv/Scripts/activate')
3. `pip install -r requirements.txt`
4. `python passwordmanager.py`

### Notes on potential errors:

- Script was written with python3.9
- Python3.9 installed from pyenv or Homebrew doesn't come with the correct version of tcl/tk to run above script
- Install python3.9 from official python website or download tcl/tk from ActiveState and ensure pyenv python or Homebrew python uses the ActiveState tcl/tk