

Final Capstone

Hello and welcome to the final capstone. This is a walk through on how and what to do. You will go on an adventure of installing pip to finding adjectives and creating menu prices. First please read the table of content to see where you would like to start from.

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1. Install spacy.

Here is a link to install spacy <https://spacy.io/usage> please use the link. To install spacy you will need to click the boxes of the operating systems. This will tailor the links to your computer. Please take your time to install the program.

2. Install Dictionary.

Here is a link for dictionaries <https://pypi.org/project/dictionaries/> follow the link. It has more than just pip install. Quite a good read. Will Also show an understanding of how the dictionaries work.

3. Install programs.

Please use links to install programs

[https://github.com/nikhilnaidoo/finalcapstone/blob/main/challenge\(23\).py](https://github.com/nikhilnaidoo/finalcapstone/blob/main/challenge(23).py)

<https://github.com/nikhilnaidoo/finalcapstone/blob/main/Cafe.py>

The screenshot shows a GitHub repository page for 'nikhilnaidoo / finalcapstone'. The 'Code' tab is selected, displaying the file 'Cafe.py'. The code is a Python script for a menu system. The interface includes navigation links like 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. The file 'Cafe.py' is shown with its code content, and there are buttons for 'Raw', 'Copy', 'Download', and 'History'.

```

1  #!/usr/bin/env python
2  # coding: utf-8
3
4  # In[1]:
5
6
7  menu = []
8  # {} used to create a dictionary
9  sotck_price = {}
10 menu_price = {}
11 # 0 used as staring to point for stock
12 total_stock=0
13 total_price=0

```

Here we have how to copy the program. On line where it says code then Blame. ON the other side you will see Raw with 2 boxes on top of each other like the copy and paste symbols. This will allow you to copy and paste of of the codes into your copy of python.

4. Have fun in python.

```

please enter how many items you would like to add to the menu2
name of item: choc chip cookies
number of individual items10
please enter the total purchase cost of item: 100
name of item: brownie
number of individual items14
please enter the total purchase cost of item: 120

items on menu
[['choc chip cookies'], ['brownie']]

items : number of stock
{'choc chip cookies': 10, 'brownie': 14}

items : price of, each individual item
{'choc chip cookies': 10.0, 'brownie': 8.571428571428571}

items : menu price of, each individual item
{'choc chip cookies': 14.0, 'brownie': 12.0}

items : total purchase price
{'choc chip cookies': 100.0, 'brownie': 120.0}

items : total menu price
{'choc chip cookies': 140.0, 'brownie': 168.0}

toatal gross stock value
220.0

total value of menu
308.0

potenial net profit
88.0

```