

# CAC 180 Lab 9

## How To Run the Lab Solution Using Anaconda

First, you need to download the input file to your PC. In ZyBooks, scroll down to the Lab Activity window and click on the blue link that says “Download”.

The screenshot shows a web browser window with the URL <https://learn.zybooks.com/zybook/BSCCAC180WinchesterFall2020/chapter/9/section/9>. The page title is "9.9. LAB: Word frequencies (lists)". The main content area displays the output of a program:

```
the output is:
hello 1
cat 2
man 2
hey 2
dog 2
boy 2
Hello 1
woman 1
Cat 1
```

Below the output, a note states: "Note: There is a newline at the end of the output, and `input1.csv` is available to download." The file `input1.csv` is listed under "Downloadable files" with a blue "Download" link.

The bottom section of the page is titled "LAB ACTIVITY" and "9.9.1: LAB: Word frequencies (lists)". It shows a code editor for `main.py` with the following code:

```
1 import csv
2
3 # Type your code here. |
```

The code editor also includes a "Load default template..." link.

Next, go to the folder where your downloads are located (most likely in the Downloads folder), then cut and paste the zip file to your desktop.

On your desktop, right click the zipped folder and select “Extract All...”, leave everything as shown, then click the Extract button.

×



Extract Compressed (Zipped) Folders

### Select a Destination and Extract Files

Files will be extracted to this folder:

C:\Users\tonyw\Desktop\LAB\_ Word frequencies (lists)

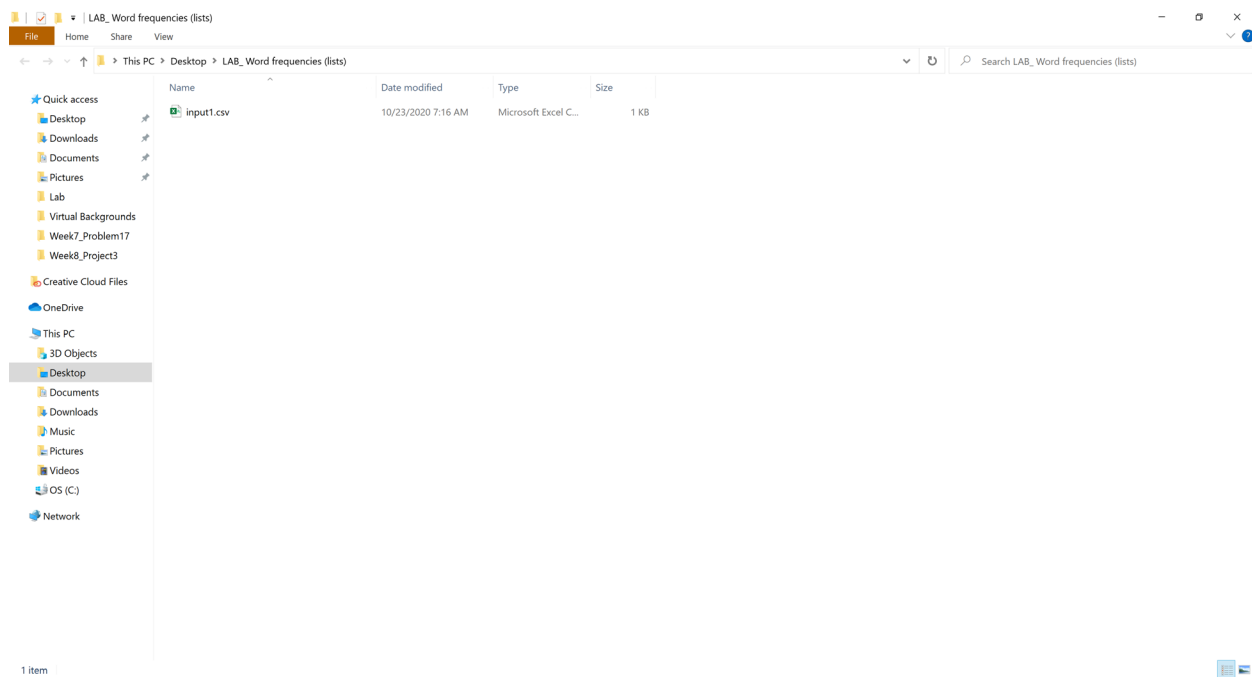
Browse...

☒ Show extracted files when complete

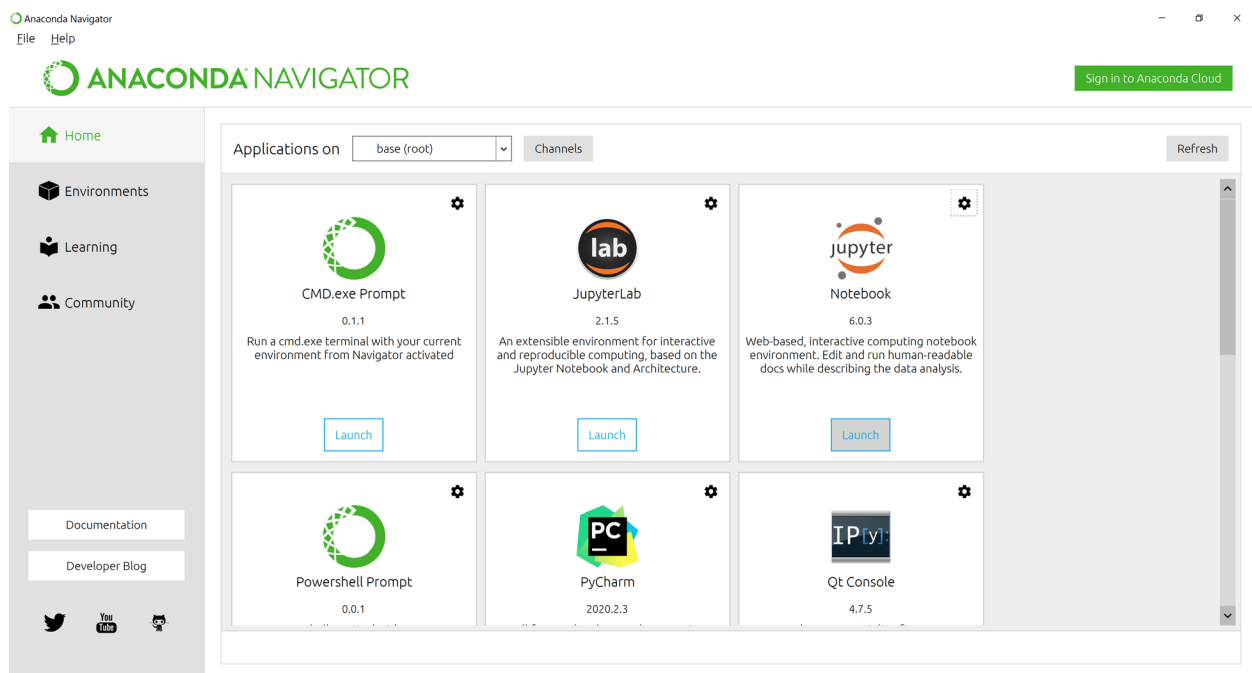
Extract

Cancel

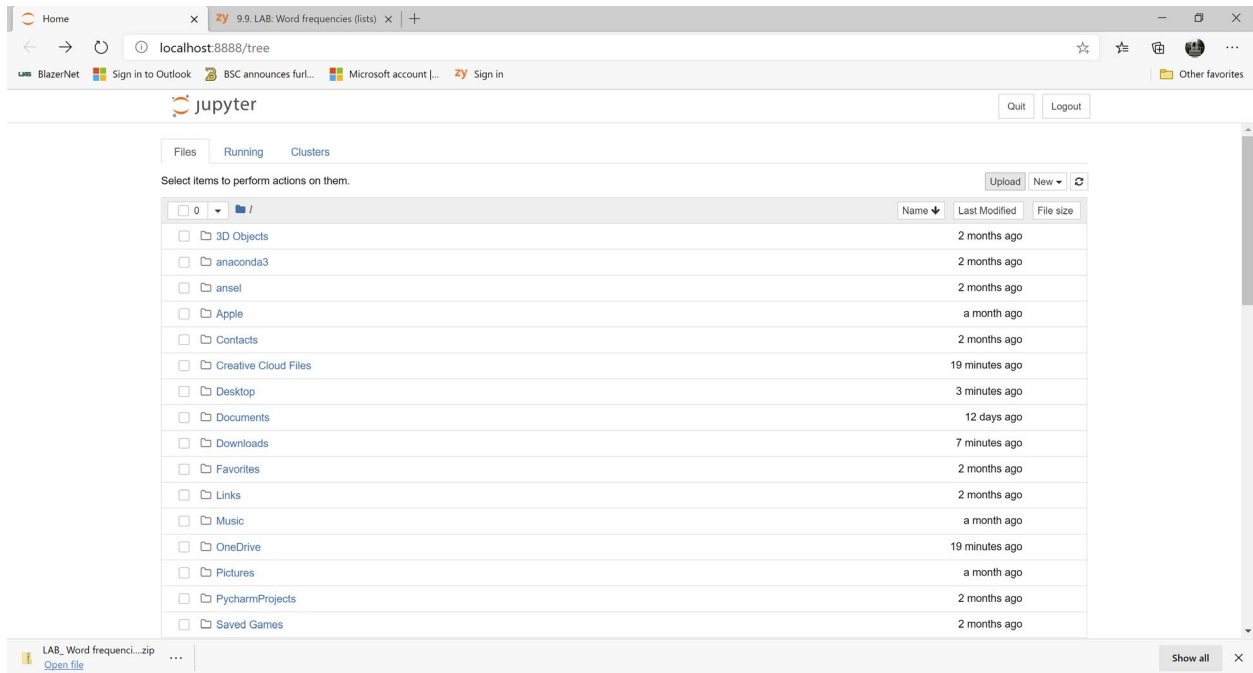
Your folder will show up on the desktop with one input file named “input1.csv” as shown below:



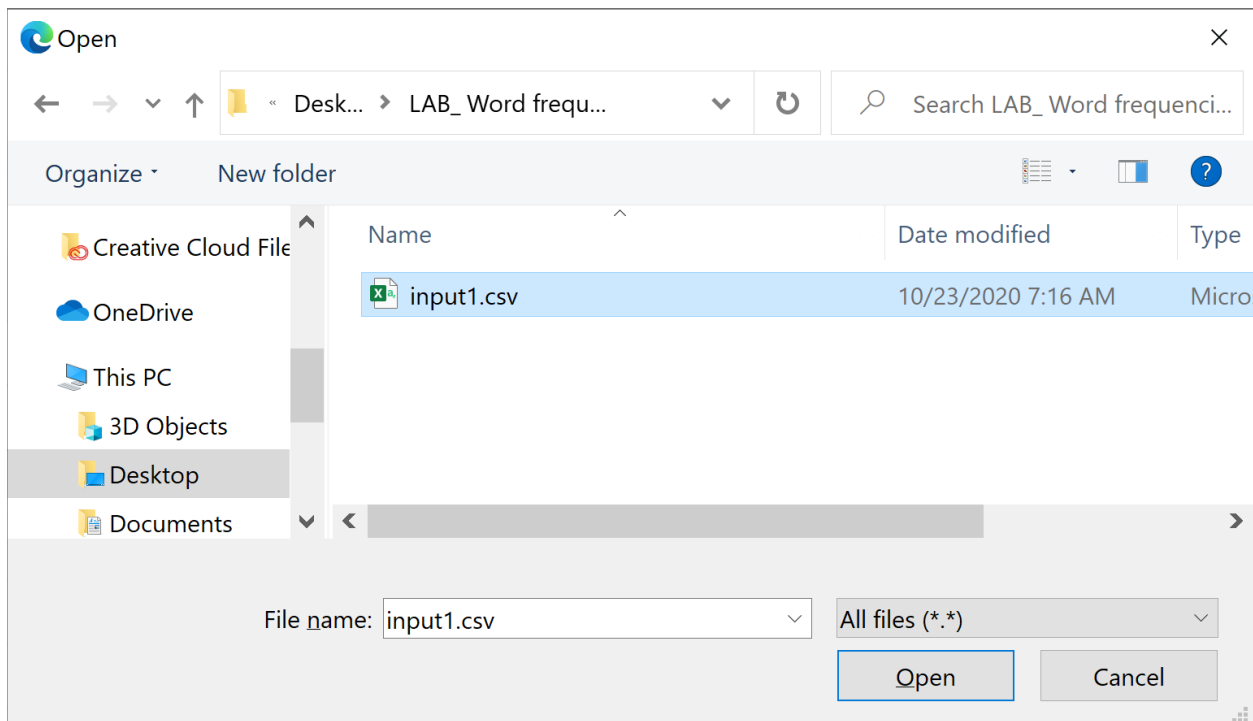
Now, open Anaconda and launch Jupyter Notebook.



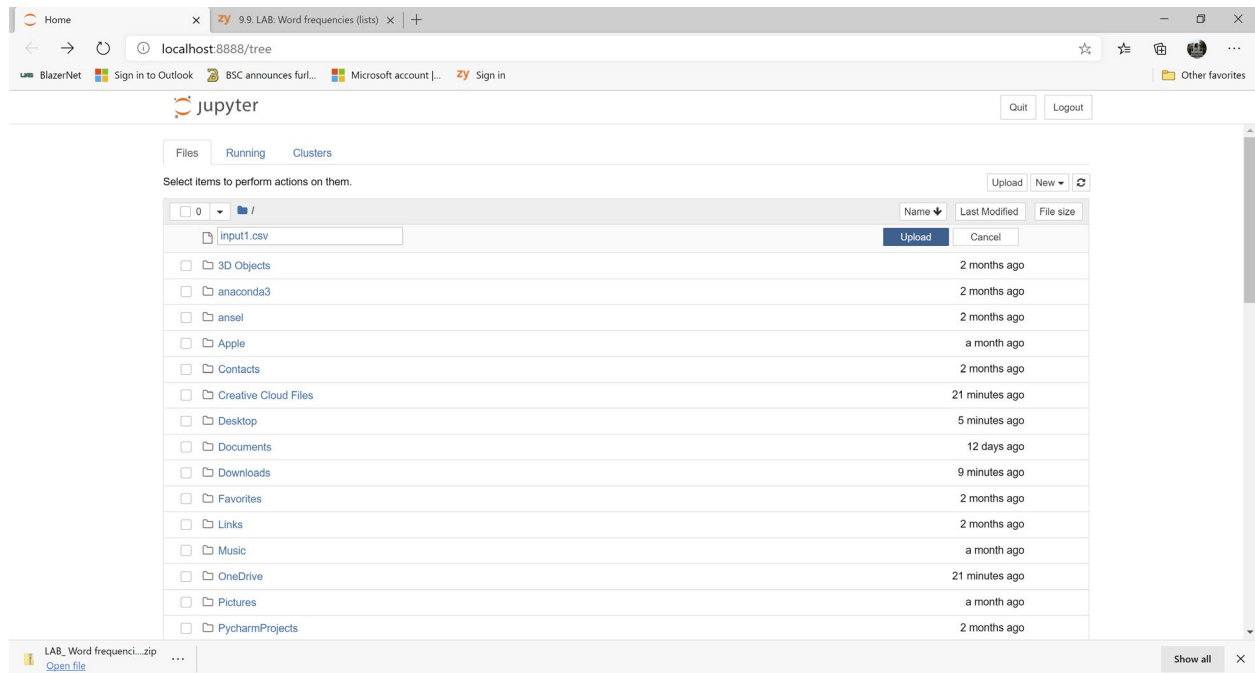
On the HOME screen of Jupyter Notebook, you will click on the Upload button to upload your file.



Navigate to your Desktop folder and select the input1.csv file (should be in a folder on your desktop). Click on Open to upload the file.

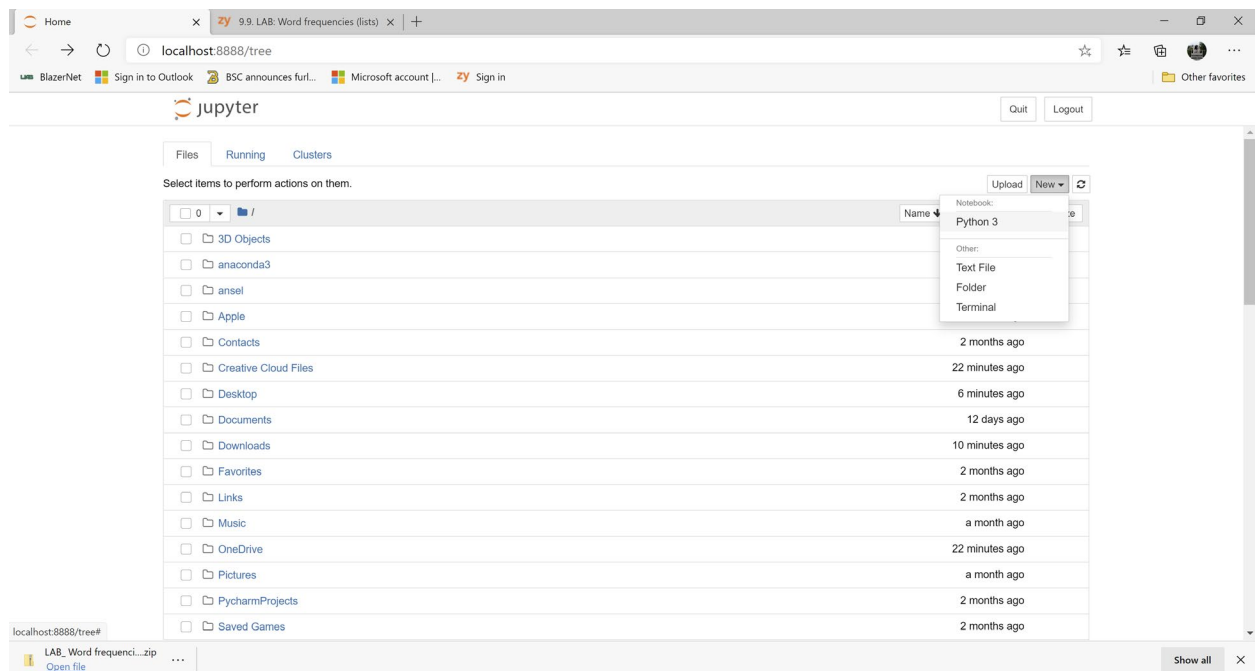


Go back to Jupyter Notebook and click on the blue Upload button on the right side of the screen next to the input1.csv file you are uploading:

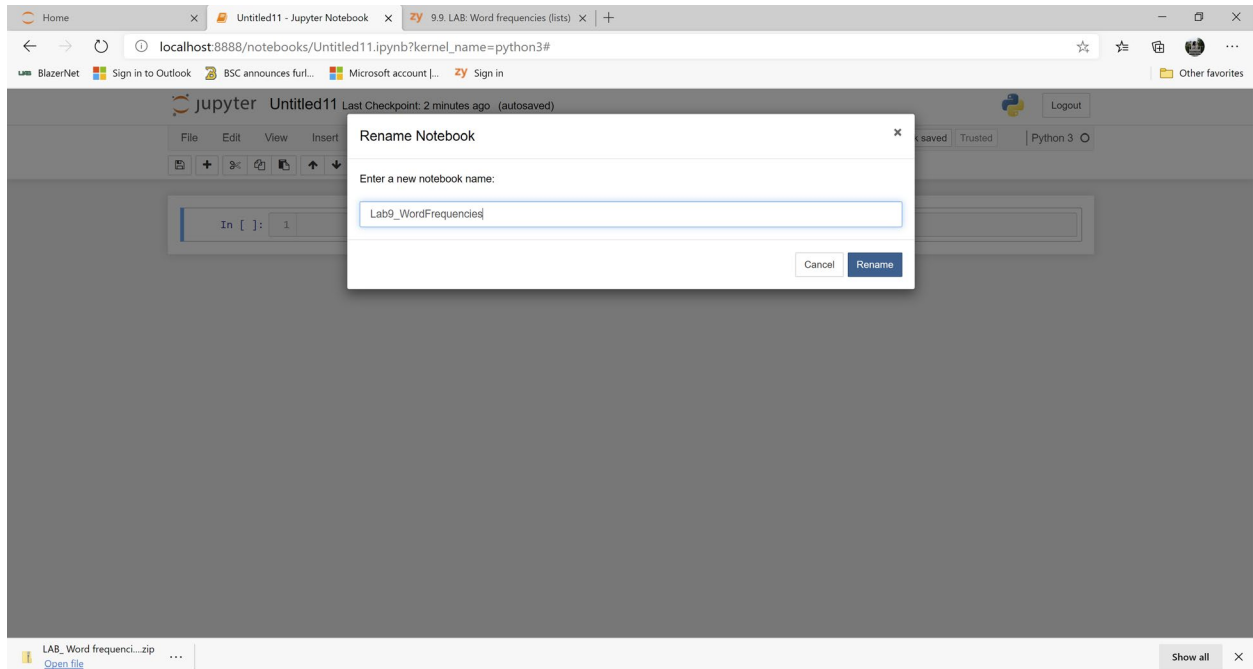


Now we will create a new Python 3 notebook for coding our lab.

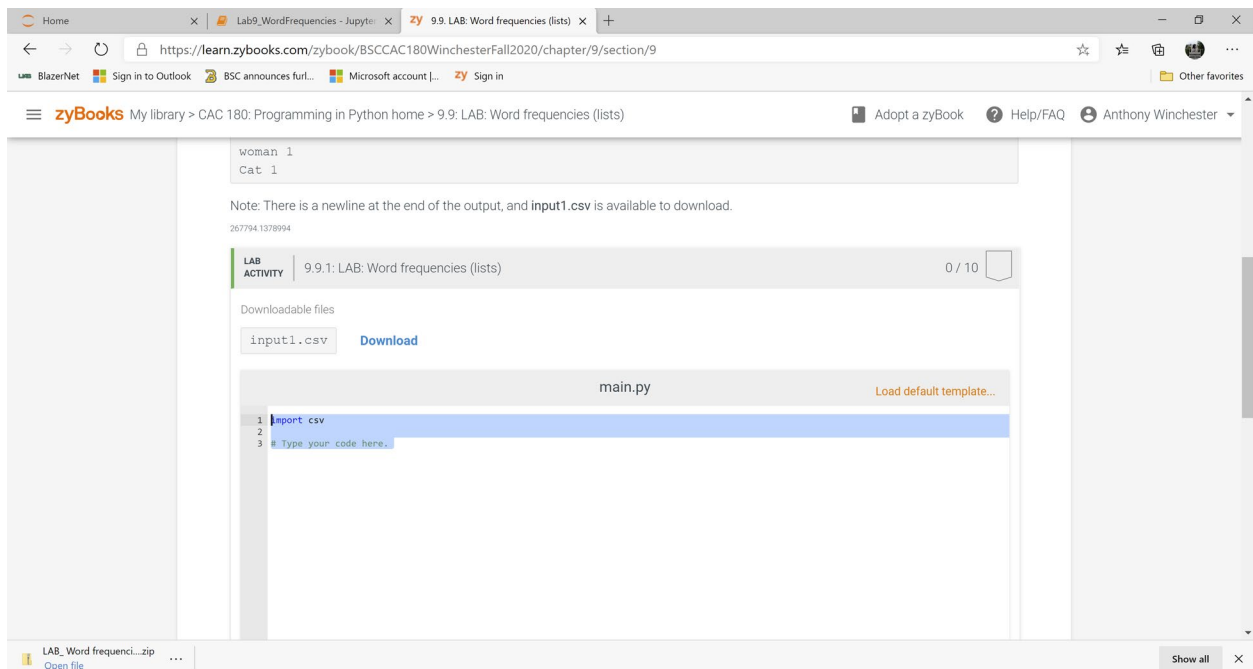
Click on New > Python 3



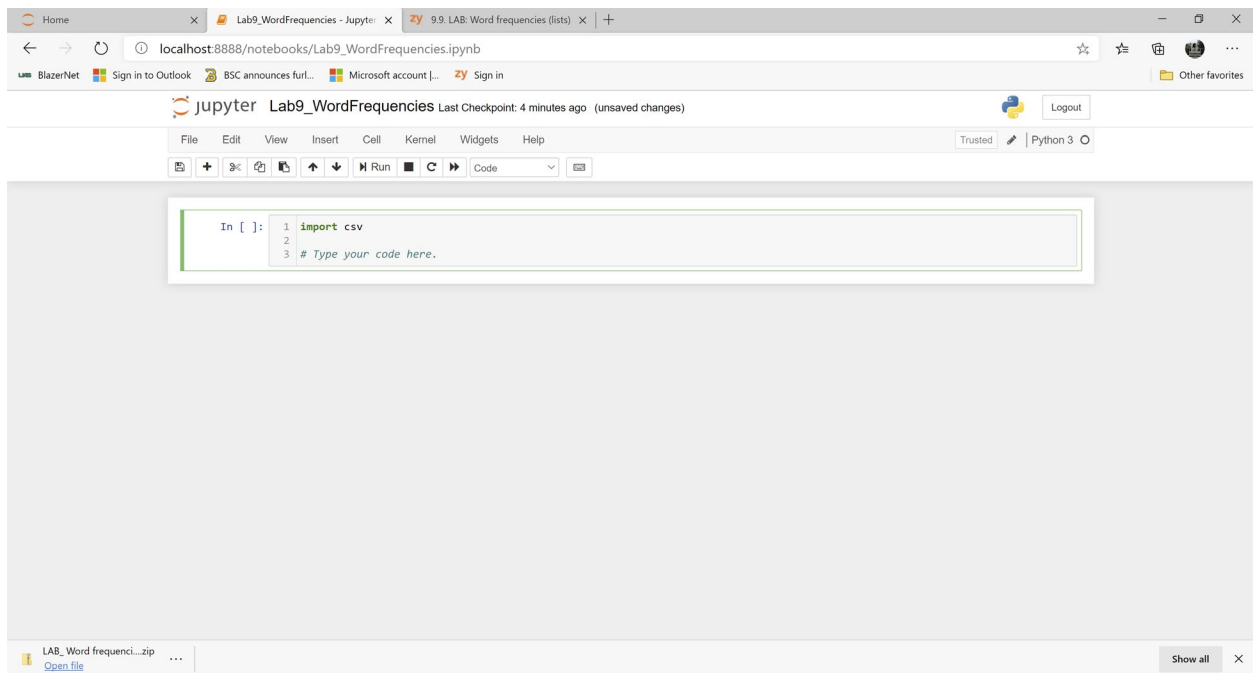
A new Untitled notebook will appear. Click on File > Rename..., then rename your file to Lab9\_WordFrequencies. Then click the Rename button.



Go back to ZyBooks and copy the coding template as shown below:



Paste the coding template into your notebook:



Now you are ready to code your solution!! Good Luck!!