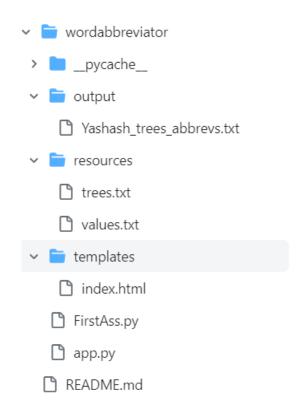
Python Assignment 1

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WORD ABBREVATOR

github link:- https://github.com/YashashTV01/Python-Assignment-1-word-abbreviation-

Files inside the git hub



Running the program in 3 different way and I have also connected to front end (html, CSS, javascript using flask)

Output is generating in a folder called output inside the folder

First way :- using Pycharm

FirstAss.py is the file name

```
| Topic | Description | Security | Security
```

Figure 1 FirstAss.py (Python code for word abbreviation)

To run the program (Ctrl+Shift+F10) or just right click and click on run option we will get the terminal to enter the text file name or the directory once we enter the output file is generating with the name Yashash_tree_abbrevs.txt

Figure 2 To enter the file name or the path name

Output

It will be generated in the folder named output with the name Yashash_tree_abbrevs.txt

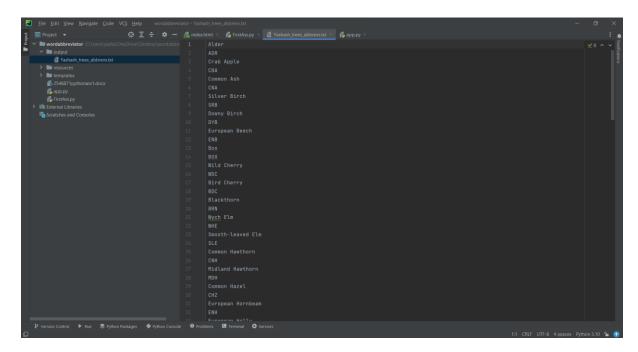


Figure 3 Output of the program FirstAss.py

Second way:- using cmd

Need to go to the directory and need to enter python FirstAss.py to run the program

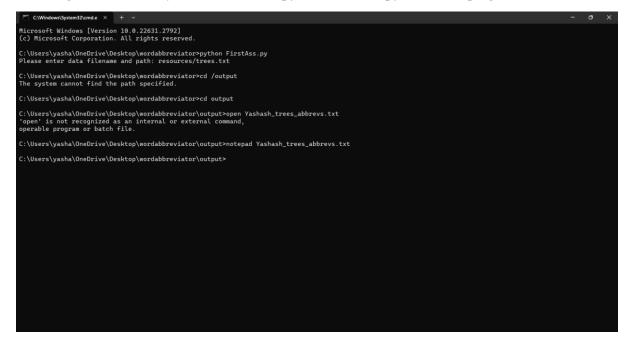


Figure 4 Running FirstAss.py using cmd

Output is generated in output folder and using cmd opened in notepad using the command **notepad Yashash_trees_abbrevs.txt**

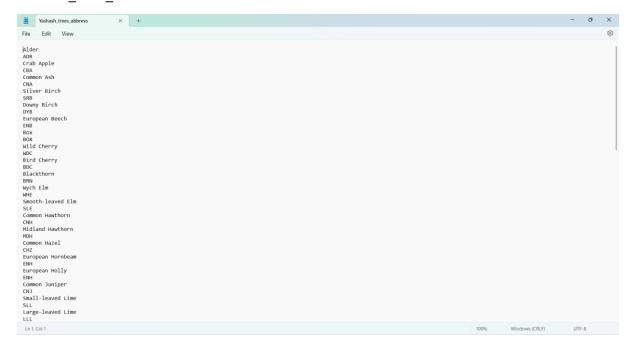


Figure 5 Output of FirstAss.py

Third Way:- Using Flask and I connected python to front end

Flask is a framework in python which is used to connect python to front end

To run this we need to install flask first steps to install flask through command prompt

Step one :- pip install Flask

Using command prompt to run this

```
Microsoft Windows [Version 10.0.22631.2792]
(c) Microsoft Corporation. All rights reserved.

C:\Users\yasha\OneDrive\Desktop\wordabbreviator>python app.py

* Serving Flask app 'app'
* Debug mode: on
WARRING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.

* Running on http://127.0.0.1:5000

Press CTRL+C to quit

* Restarting with stat

* Debugger is active!

* Debugger PIN: 126-127-042
```

We will get a user Interface for this in a local server which will be Running in http://127.0.0.1:5000
if we click on it we will get

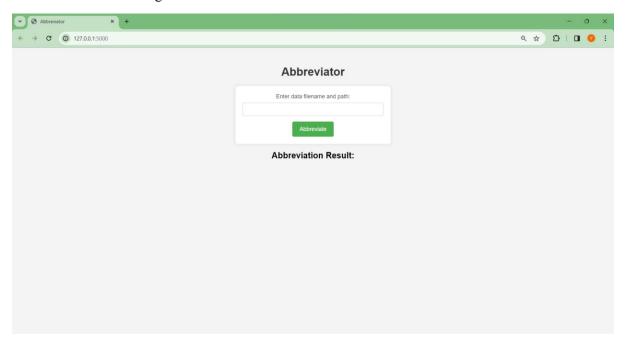


Figure 6 Using Flask

After entering the file name or pathname we will be getting a output figure 7 shows the output and also the text file will be generated in output folder with the name Yashash_trees_abbrevs

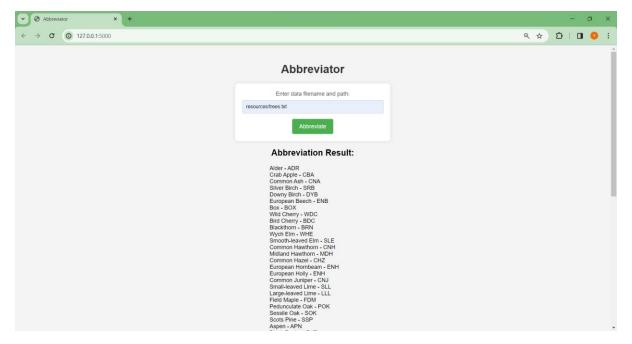


Figure 7 Output using Flask

Future Implementation

- I am planning to develop user interface and make the server Live.
- I will try to add download button which helps to download the abbreviations using front end.