Python Assignment 1

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WORD ABBREVATOR

github link:-

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

A screenshot of a computer program

Description automatically generated

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**

**A screenshot of a computer program

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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**

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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

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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**

**A screen shot of a computer

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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

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We will get a user Interface for this in a local server which will be Running in [**http://127.0.0.1:5000**](http://127.0.0.1:5000)

if we click on it we will get

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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

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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.