

### **How you approached the problem (a few sentences)**

I started with file reading and some code from lecture colab notebook and added more options and code one by one. I added my code to the github almost at the end, and that was a bad practice.

- **What was the additional option you added and why might it be useful?**

I used –summary option to summarize text based on a standart length of text sentences. I followed [this medium](#) article for this option.

- **What were the main things you learned from this assignment?**

I learned some manula arrays and text manipulations specially string translation and vocabulary building.

- **What happened that you didn't expect or just found interesting?**

Stemming of text without any third party was a bit challenge but I did that with regex at the cost of some info loss, like leaves to leav

- **Sample inputs and outputs**

I downloaded [this ebook](#) as plain text and the output is like this

[('wa', 1678), ('mr', 1193), ('aid', 529), ('would', 516), ('wilkin', 450), ('hi', 410), ('one', 407), ('fiher', 369), ('thi', 366), ('o', 351), ('"', 332), ('could', 298), ('arbuthnot', 237), ('go', 227), ('lady', 222), ('thought', 203), ('like', 185), ('caroline', 173), ('herelf', 164), ('crap', 163), ('even', 158), ('much', 156), ('th', 155), ('roe', 149), ('"i', 147), ('ee', 142), ('uch', 139), ('day', 136), ('come', 135), ('hould', 132), ('till', 128), ('brigg', 126), ('real', 126), ('think', 124), ('lotty', 122), ('got', 122), ('time', 121), ('little', 120), ('quite', 118), ('jut', 116), ('look', 115), ('away', 113), ('noth', 112), ('eemed', 107), ('ey', 106), ('went', 102), ('know', 101), ('room', 100), ('becaue', 99), ('way', 98), ('work', 97), ('looked', 96), ('frederick', 96), ('firt', 95), ('didn't', 95), ('felt', 95), ('came', 94),....]

- **Can also add this to a github repo if you like**

<https://github.com/devloverumar/Assignment01>