MTH 337 Intro to Scientific computing
SAMPLE QUIZ #7

Fall 2020   Instructor: Simone Cassani

The Sample Quiz is for you to practice for the quiz that will be at the end of class on Monday on Gradescope.

For the remainder of this quiz assume that the following code has been executed:

```
import matplotlib.pyplot as plt
import numpy as np
```

(1) Write the code that takes the string `mystr` separates every word in the list `mylist`. You can assume that all of the words in `mystr` are separated only by the space character.

(2) Write the code that given `mylist` from question 1, puts it back together in the original string

(3) Write the code to replace each `a` and `e` in `mystr` with their upper case version.

(4) Write code that opens a text file quiz.txt for reading and prints the first line of this text file.

(5) Write code that opens a text file quiz.txt for reading, reads all the lines and puts them in a list, and then join the lines in a string on the character '&&'

(6) Write code that opens a text file quiz.txt for writing and appends the word 'potato' at the end of the file