Lab 24
AEIOU Counter

Objective:

Write a program that reads a [file](#) and counts the number of times the vowels 'A', 'E', 'I', 'O', 'U' occurs exactly in that order.
- It ignores consonants
- It ignores any type of space
- It ignores case
- The only thing it cannot ignore is if another vowel occurs out of order
- These count
    - AEIOU
    - aeiou
    - hahehihohu
    - Take it out
- These do not
    - AEIuO
    - Taco is good
    - Take it over

Hints and Tips:
- It may be a good idea to build one long string and use .charAt to examine each loop
- There may be many nested loops

Lab Report Questions:
1. The type "Scanner" is good for scanning what?
2. What must you do whenever you are finished using either PrintWriter or Scanner for a file.

Example Dialog:

`The file blah.txt has "AEIOU" in order 7 times`

Finally:

Upload file to the dropbox