Write a Python program that reads an input file input.txt line by line, and outputs the average of all positive numbers for each line separately. All outputs will have to be printed both to the console and to the output file output.txt

INPUT FORMAT

Input file will consist of multiple lines. Each line will contain an <u>arbitrary</u> number of integers separated by an equal '=' (not spaces!). Example input: input.txt

OUTPUT FORMAT

1. Your program should print the following sentence before outputting the results:

- 2. For each line in the input file, output the average of positive numbers on a separate line.
- 3. The output of your program should be printed both to the screen and to a file named output.txt
- **4.** Example output for the given sample input:

Average: 28.25

Average: 13.5

SUBMISSION FORMAT

- 1. Teamwork is not allowed and only individual works whose submit score is 1 will be considered for evaluation!
- 2. Save your Python file as quiz2.py
- **3.** Zip your file before submitting (not .rar, only .zip files are supported by the system). File hierarchy:
 - <student id>.zip
 - quiz2.py