Write a Python program that reads an input file input.txt with multiple lines that contain integer numbers, computes the average of odd numbers, stores the results in a dictionary under the keys "odd" and "even" respectively, and prints that dictionary to the console and to the output file output.txt

INPUT FORMAT

OUTPUT FORMAT

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

```
Quiz: Dictionary
```

- 2. Read all numbers from the input file, calculate the average of odd numbers, calculate the average of even numbers, and store the result in a dictionary data structure.
- 3. You should print the dictionary both to the screen and to a file named output.txt
- **4.** Example output for the given sample input:

```
{'odd': 17.0, 'even': 12.857142857142858}
```

SUBMISSION FORMAT

- 1. Teamwork is not allowed and only <u>individual works</u> whose <u>submit score is 1</u> will be considered for evaluation!
- 2. Save your Python file as quiz3.py
- **3.** Zip your file before submitting (not .rar, only .zip files are supported by the system). File hierarchy:
 - <student id>.zip
 - quiz3.py