

CSCI 127, Second Practicum – March 27, 2019

Name _____

Question One. 15 points. Rewrite the second and third lines of the Python code below to use the **items** dictionary method instead of the **keys** methods.

```
word_count = {"apple": 10, "banana": 15, "coconut": 6}
for key in word_count.keys():
    print(key, word_count[key])
```

Question Two. 35 points. The 2019 Oscars recently took place. Two of the animated short candidates were *Bao*, directed by *Domee Shi* and *Between the Lines*, directed by *Maria Koneva*. Supply the missing code such that when the following four Python statements are run:

```
movie_1 = Movie("Bao", "Domee Shi")
print(movie_1)
movie_2 = Movie("Between the Lines", "Maria Koneva")
print(movie_2)
```

The following output is produced:

```
The movie "Bao" was directed by Domee Shi
The movie "Between the Lines" was directed by Maria Koneva
```

Question Three. 50 points. Write a function named *retain_every_other_line* that has two parameters: the name of an input file and the name of an output file. The function should write every other line of the input file to the output file. For example, if the input file contains five lines, the output file should end up with three separate lines: the first line of the input file, the third line of the input file and the fifth line of the input file.

You may assume that the input file exists. Here is a sample call to the function:

```
retain_every_other_line("input.txt", "output.txt")
```