FALL 2019 PRACTICE PRACTICUM

CSCI 127, First Practicum – February 12, 2018

Name _____

Question One. 50 points. Supply the missing function on the back. The missing function should create a list of consecutive integers from 1 through the number that the user enters. Assume that the user enters an integer that is 0 or greater. For example, if the user enters an 11, the following output (and nothing else) appears when the program runs:

Enter the number of integers the list should contain: 11
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11]

```
# The missing function goes here but write it on the next page.

how_many = int(input("Enter the number of integers the list should contain: "))
numbers = create_list(how_many)
print(numbers)
```

Question Two. 50 points. Supply the missing code on the back. The function **pokemon_battle** is called with a list that contains an unknown number of sublists. Each sublist consists of a Pokemon's name (a string) followed by the Pokemon's combat points (an integer). The function should return the name of the Pokemon that has the most combat points. If there is a tie for the most combat points, return the first Pokemon in the list that has the maximum number of combat points. For example, the program below should generate the following output when it runs with the information below:

The winner is Squirtle
The winner is Nobody
The winner is Rattata
The winner is Rattata

```
def pokemon_battle(my_pokemon):
    # The missing code goes here but write it on the next page.
    print("The winner is", winner)

pokemon_battle([["Bulbusaur", 132], ["Squirtle", 175], ["Pikachu", 75]])
pokemon_battle([])
pokemon_battle([["Rattata", 60], ["Pidgey", 55]])
pokemon_battle([["Rattata", 60], ["Pidgey", 55], ["Ekans", 60]])
```