

3-4. Guest List

The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left lists files in the 'CSC-121-PYTHON [WSL: ARCHUX]' folder, including 'guest_list.py'. The code editor window displays the following Python script:

```
module-3 > guest_list.py > guests
1 # guest list
2 guests = ['marcus aurelius', 'socrates', 'plato', 'aristotle']
3
4 name = guests[0].title()
5 print("Hello, {name}! You are invited to dinner.")
6
7 name = guests[1].title()
8 print("Hello, {name}! You are invited to dinner.")
9
10 name = guests[2].title()
11 print("Hello, {name}! You are invited to dinner.")
12
13 name = guests[3].title()
14 print("Hello, {name}! You are invited to dinner.")
15
```

The terminal tab at the bottom shows the execution of the script and its output:

```
=> classes > csc-121-python > module-3 > python guest_list.py
Hello, Marcus Aurelius! You are invited to dinner.
Hello, Socrates! You are invited to dinner.
Hello, Plato! You are invited to dinner.
Hello, Aristotle! You are invited to dinner.
```

3-8. My Updated List

For this one, I used the code from assignment 3-6. More Guests. The only difference between this assignment and the assignment in moodle, is that I kept the part where the list is changed because a guest wasn't able to make it to dinner. The list is sorted alphabetically before the final invitations are printed.

The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left lists files in the 'CSC-121-PYTHON [WSL: ARCHUX]' folder, including 'more_guests.py'. The code editor window displays the following Python script:

```
module-3 > more_guests.py > ...
1 # print("Hello, {name}! You are invited to dinner. ")
2
3 name = guests[2].title()
4 print("Hello, {name}! You are invited to dinner.")
5
6 name = guests[3].title()
7 print("Hello, {name}! You are invited to dinner.")
8
9 name = guests[0].title()
10 print("Hello, {name}! You are invited to dinner.")
11
12 name = guests[1].title()
13 print("Hello, {name}! You are invited to dinner.")
14
15 # we have a bigger table so we can add more guests to the list
16 print("\nGood news! We found a bigger dinner table, so we can invite more guests!")
17
18 guests.insert(0, "confucius")
19 guests.insert(0, "epictetus")
20
21 guests.append("seneca")
22
23 # sort the list alphabetically
24 guests.sort()
25
26 # new invitations
27
28 name = guests[0].title()
29 print("Hello, {name}! You are invited to dinner.")
```

The terminal tab at the bottom shows the execution of the script and its output:

```
=> classes > csc-121-python > module-3 > python more_guests.py
Hello, Marcus Aurelius! You are invited to dinner.
Hello, Socrates! You are invited to dinner.
Hello, Plato! You are invited to dinner.
Hello, Aristotle! You are invited to dinner.

Plato can't make it to dinner.
Hello, Marcus Aurelius! You are invited to dinner.
Hello, Socrates! You are invited to dinner.
Hello, Diogenes! You are invited to dinner.
Hello, Epicletus! You are invited to dinner.
Hello, Marcus Aurelius! You are invited to dinner.
Hello, Seneca! You are invited to dinner.
Hello, Socrates! You are invited to dinner.
```