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CSC-121-OA1

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<p align="center">3-4. Guest List Sorted.</p>

1. Original

```
chapter_3 > 🐍 guest_list.py > ...
   1    guests = ["William Shakesbeer", "Plato Chips", "Isaac Neutron", "Stephen Hawk-King"]
   2    print(f"Welcome to my literary and scientific pun-filled dinner party!")
   3    print(f"This is the original guest list: \n\t{', '.join(guests)}.\n")
   4
   5    guests = sorted(guests)
   6    print(f"To ensure order, I've decided to seat them alphabetically by first name:")
   7    print(f"\tSeating Plan: \n\t\t{', '.join(guests)}.\n")
   8
   9
  10
  11
```

```
PROBLEMS  2    OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   ...        Python Debug Console  + ∨

Welcome to my literary and scientific pun-filled dinner party!
This is the original guest list:
        William Shakesbeer, Plato Chips, Isaac Neutron, Stephen Hawk-King.

To ensure order, I've decided to seat them alphabetically by first name:
        Seating Plan:
                Isaac Neutron, Plato Chips, Stephen Hawk-King, William Shakesbeer.
```

2. Revised

```
chapter_3 > ♦ guest_list.py > ...
   1    guests = ["William Shakesbeer", "Plato Chips", "Isaac Neutron", "Stephen Hawk-King"]
   2    print(f"Welcome to my literary and scientific pun-filled dinner party!")
   3    print(f"This is the original guest list: \n\t{', '.join(guests)}.\n")
   4
   5    guests = sorted(guests)
   6    print(f"To ensure order, I've decided to seat them alphabetically by first name:")
   7    print(f"\tSeating Plan: \n\t\t{', '.join(guests)}.\n")
   8
   9    guests.append("Edgar Allan Yo")
  10    print(f"I couldn't resist inviting {guests[-1]} as well, he has been 'raven' about it.
        \n")
  11
  12    guests.append("Mark Twang")
  13    print(f"Oh, and {guests[-1]} is strumming his way to the list too.\n")
  14
  15    guests = sorted(guests)
  16    print(f"With our new additions, here's the final guest list:")
  17    print(f"\tFinalized Guest List: \n\t\t{', '.join(guests)}.\n")
  18
  19    guests = sorted(guests, reverse=True)
  20    print(f"I've decided to seat them in reverse alphabetical order by first name:")
  21    print(f"\tRevised Seating Plan: \n\t\t{', '.join(guests)}.\n")
  22
```

PROBLEMS 2   OUTPUT   DEBUG CONSOLE   **TERMINAL**   PORTS   ···   ⚛ Python Debug Console + ∨ ⫾ 🗑 ··· ∧

```
Welcome to my literary and scientific pun-filled dinner party!
This is the original guest list:
        William Shakesbeer, Plato Chips, Isaac Neutron, Stephen Hawk-King.

To ensure order, I've decided to seat them alphabetically by first name:
        Seating Plan:
                Isaac Neutron, Plato Chips, Stephen Hawk-King, William Shakesbeer.

I couldn't resist inviting Edgar Allan Yo as well, he has been 'raven' about it.

Oh, and Mark Twang is strumming his way to the list too.

With our new additions, here's the final guest list:
        Finalized Guest List:
                Edgar Allan Yo, Isaac Neutron, Mark Twang, Plato Chips, Stephen Hawk-King, William Shakesbeer.

I've decided to seat them in reverse alphabetical order by first name:
        Revised Seating Plan:
                William Shakesbeer, Stephen Hawk-King, Plato Chips, Mark Twang, Isaac Neutron, Edgar Allan Yo.
```