

4-10. Slices

The first three items in the list are

Three items from the middle of the list are

The last three items in the list are

The screenshot shows a code editor window with the following details:

- Title Bar:** Welcome > Slices.py
- Code Area:** The code is a Python script named `Slices.py`. It defines a list of musicians and prints messages to the console. The code uses list slicing to extract different parts of the list.
- Code Content:**

```
C:\> Users > grego > Desktop > python_work > Chapter 4 > 4-10. Slices > Slices.py > ...
1 guests = ['david bowie', 'sister rosetta tharpe', 'johan sebastian bach']
2
3 message = f"\nDear {guests[0].title()}, please join me and some fellow musicians for dinner and drinks in the Biltmore House Music Room this Saturday!"
4 print(message)
5
6 message = f"\nDear {guests[1].title()}, please join me and some fellow musicians for dinner and drinks in the Biltmore House Music Room this Saturday!"
7 print(message)
8
9 message = f"\nDear {guests[2].title()}, please join me and some fellow musicians for dinner and drinks in the Biltmore House Music Room this Saturday!"
10 print(message)
11
12 print("\nI'm happy to say we can use the main dining table and we have space for more guests!")
13
14 guests.insert(0, 'janis joplin')
15 guests.insert(2, 'louis armstrong')
16 guests.append('frederic chopin')
17
18 guests.sort()
19
20 message = f"\nDear {guests[0].title()}, please join me and some fellow musicians for dinner and drinks in the Biltmore House Music Room this Saturday!"
21 print(message)
22 message = f"\nDear {guests[1].title()}, please join me and some fellow musicians for dinner and drinks in the Biltmore House Music Room this Saturday!"
23 print(message)
24 message = f"\nDear {guests[2].title()}, please join me and some fellow musicians for dinner and drinks in the Biltmore House Music Room this Saturday!"
25 print(message)
26 message = f"\nDear {guests[3].title()}, please join me and some fellow musicians for dinner and drinks in the Biltmore House Music Room this Saturday!"
27 print(message)
28 message = f"\nDear {guests[4].title()}, please join me and some fellow musicians for dinner and drinks in the Biltmore House Music Room this Saturday!"
29 print(message)
30 message = f"\nDear {guests[5].title()}, please join me and some fellow musicians for dinner and drinks in the Biltmore House Music Room this Saturday!"
31 print(message)
32
33 print("\nThe first three items in the list are:")
34 for guest in guests[:3]:
35     print(guest.title())
36
37 print("\nThree items from the middle of the list are:")
38 for guest in guests[2:5]:
39     print(guest.title())
40
41 print("\nThe last three items in the list are:")
42 for guest in guests[-3:]:
43     print(guest.title())
```
- Bottom Navigation:** PROBLEMS 11, OUTPUT, DEBUG CONSOLE, TERMINAL, PORTS, SPELL CHECKER 11
- Output Area:** The output shows the execution of the script and the resulting messages printed to the console.