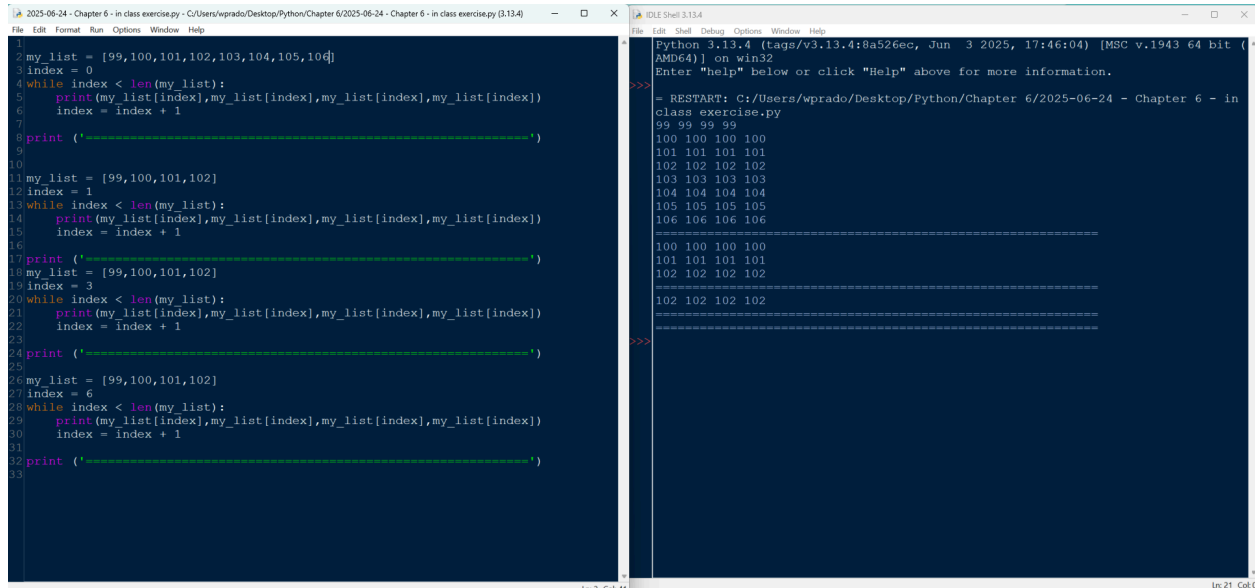


## Chapter 6 Exercise

#1.

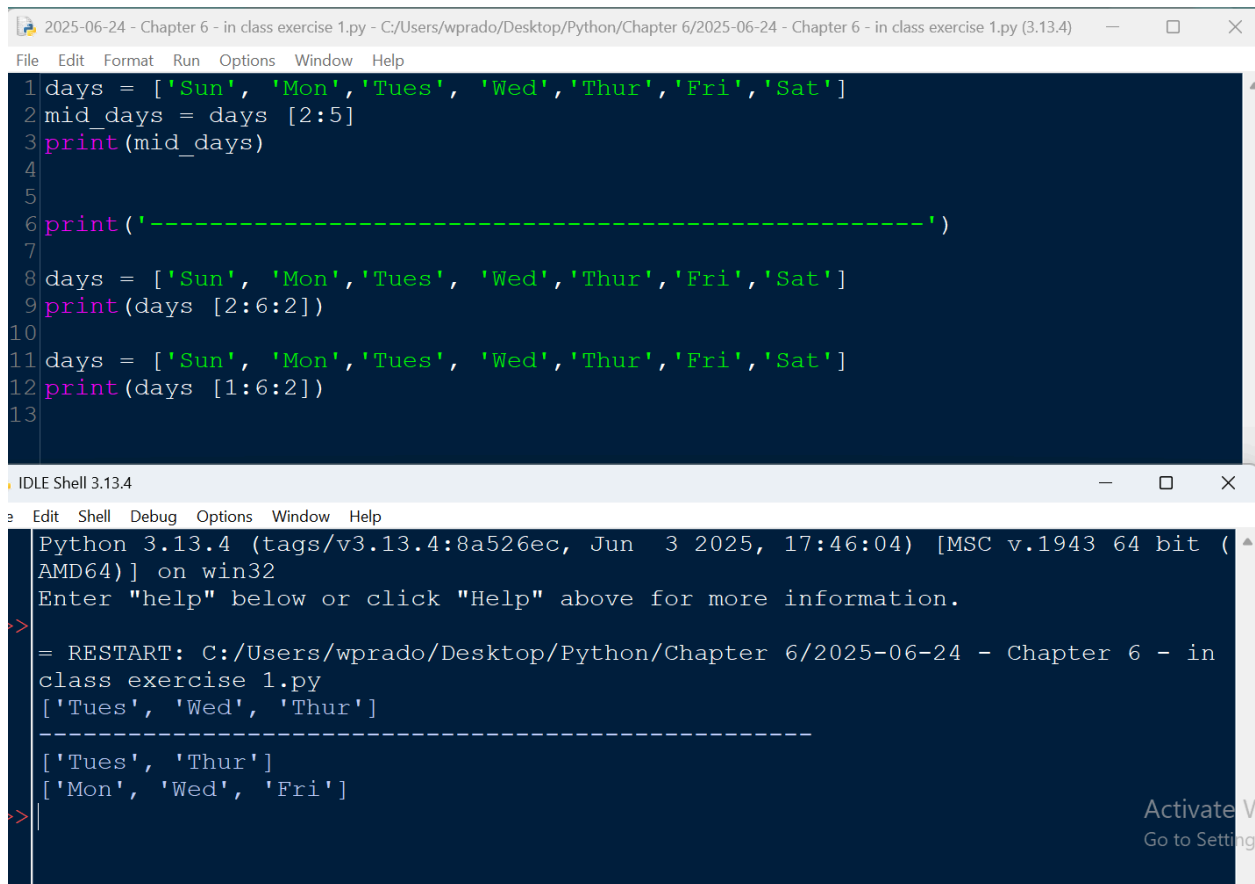


The screenshot shows a Python IDE with two windows. The left window displays the source code for a script named 'Chapter 6 - in class exercise.py'. The code defines three lists: [99, 100, 101, 102, 103, 104, 105, 106], [99, 100, 101, 102], and [99, 100, 101, 102]. It then iterates through each list, printing the elements at index 0, 1, and 2. The right window shows the output of the script, which displays the elements of each list in a formatted manner, with each list's output preceded by a separator line of dashes.

```
2 my_list = [99,100,101,102,103,104,105,106]
3 index = 0
4 while index < len(my_list):
5     print(my_list[index],my_list[index],my_list[index],my_list[index])
6     index = index + 1
7
8 print ('-----')
9
10 my_list = [99,100,101,102]
11 index = 1
12 while index < len(my_list):
13     print(my_list[index],my_list[index],my_list[index],my_list[index])
14     index = index + 1
15
16 print ('-----')
17 my_list = [99,100,101,102]
18 index = 3
19 while index < len(my_list):
20     print(my_list[index],my_list[index],my_list[index],my_list[index])
21     index = index + 1
22
23 print ('-----')
24
25 my_list = [99,100,101,102]
26 index = 6
27 while index < len(my_list):
28     print(my_list[index],my_list[index],my_list[index],my_list[index])
29     index = index + 1
30
31 print ('-----')
32
33
```

```
Python 3.13.4 (tags/v3.13.4:8a526ec, Jun 3 2025, 17:46:04) [MSC v.1943 64 bit (AMD64)] on win32
Enter "help" below or click "Help" above for more information.
>>>
= RESTART: C:/Users/wprado/Desktop/Python/Chapter 6/2025-06-24 - Chapter 6 - in class exercise.py
99 99 99 99
100 100 100 100
101 101 101 101
102 102 102 102
103 103 103 103
104 104 104 104
105 105 105 105
106 106 106 106
-----
100 100 100 100
101 101 101 101
102 102 102 102
-----
102 102 102 102
-----
>>>
```

#2.



The screenshot shows a Python IDE with two windows. The left window displays the source code for a script named 'Chapter 6 - in class exercise 1.py'. The code defines a list of days of the week, slices it to get the middle days (index 2 to 5) and the first days (index 1 to 5), and prints them. The right window shows the output of the script, which displays the sliced lists in a formatted manner, with each list's output preceded by a separator line of dashes.

```
1 days = ['Sun', 'Mon', 'Tues', 'Wed', 'Thur', 'Fri', 'Sat']
2 mid_days = days [2:5]
3 print(mid_days)
4
5
6 print ('-----')
7
8 days = ['Sun', 'Mon', 'Tues', 'Wed', 'Thur', 'Fri', 'Sat']
9 print(days [2:6:2])
10
11 days = ['Sun', 'Mon', 'Tues', 'Wed', 'Thur', 'Fri', 'Sat']
12 print(days [1:6:2])
13
```

```
Python 3.13.4 (tags/v3.13.4:8a526ec, Jun 3 2025, 17:46:04) [MSC v.1943 64 bit (AMD64)] on win32
Enter "help" below or click "Help" above for more information.
>>>
= RESTART: C:/Users/wprado/Desktop/Python/Chapter 6/2025-06-24 - Chapter 6 - in class exercise 1.py
['Tues', 'Wed', 'Thur']
-----
['Tues', 'Thur']
['Mon', 'Wed', 'Fri']
>>>
```