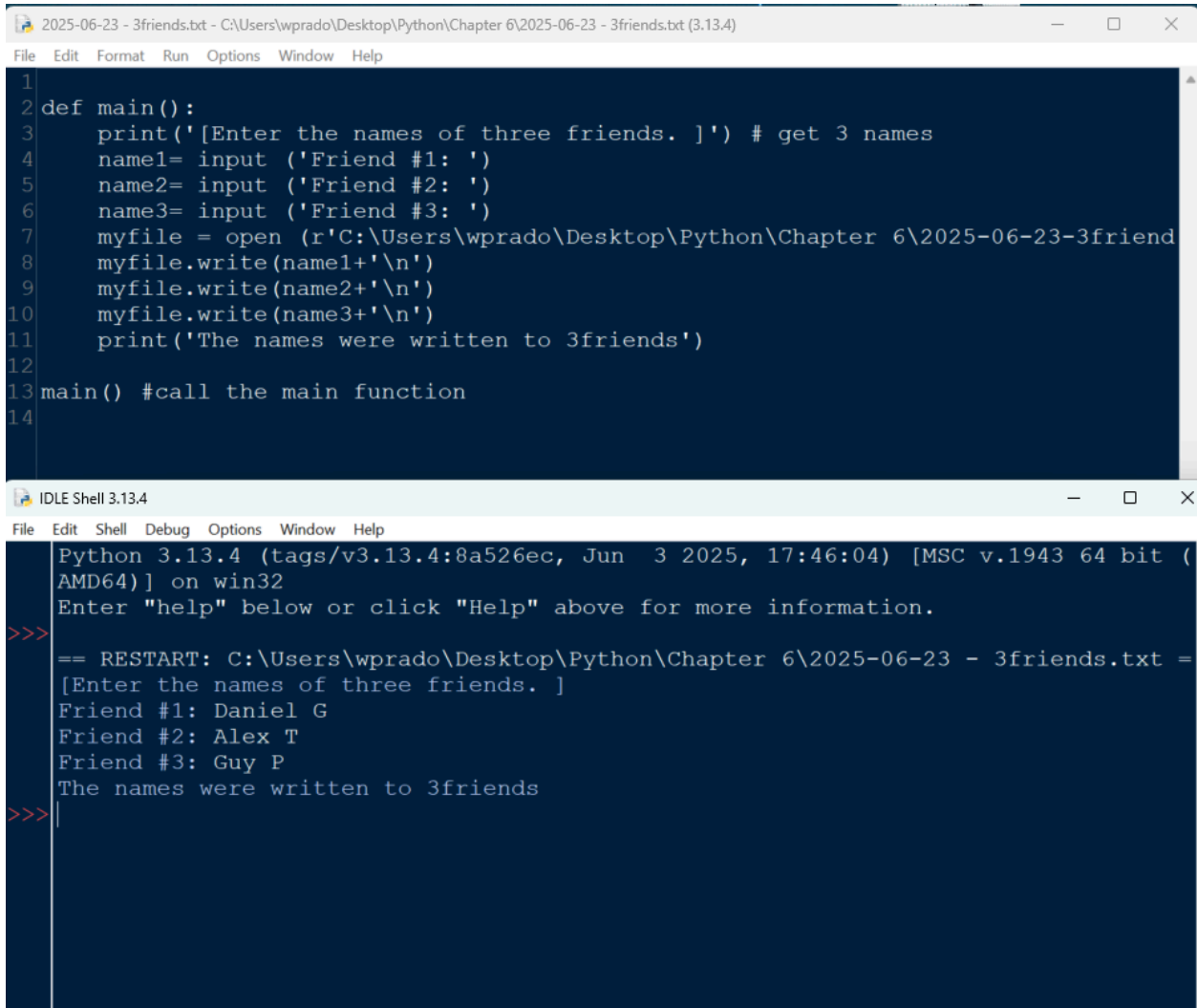


Chapter 6 Exercise -

#1

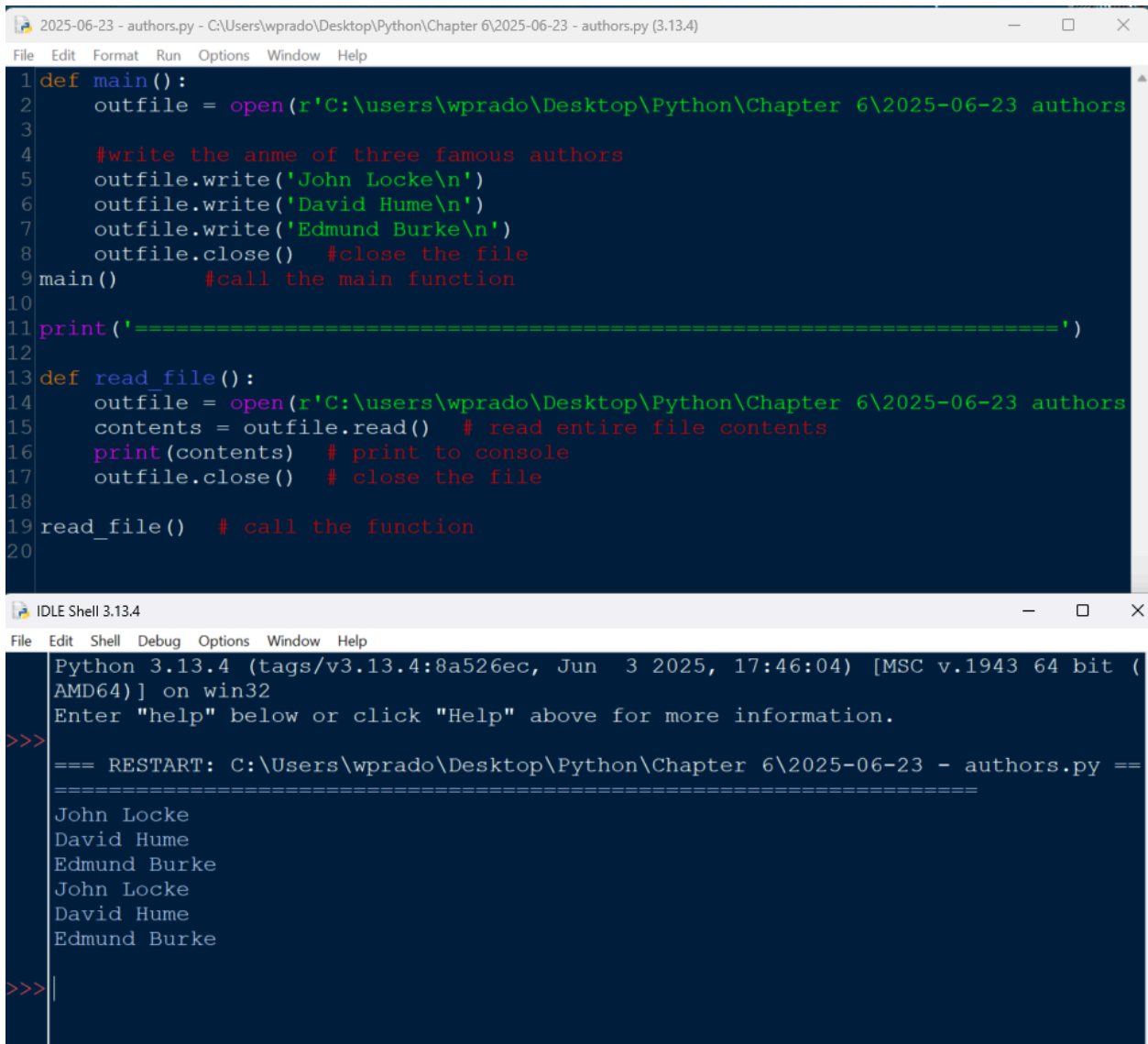


The image shows two windows from the Python IDLE environment. The top window, titled '2025-06-23 - 3friends.txt - C:\Users\wprado\Desktop\Python\Chapter 6\2025-06-23 - 3friends.txt (3.13.4)', contains a Python script. The script defines a `main()` function that prompts the user for three friend names, writes them to a file named '3friends.txt', and prints a confirmation message. The bottom window, titled 'IDLE Shell 3.13.4', shows the execution of the script. It displays the program's startup information, a restart message, and the interactive prompts for the three friend names: 'Daniel G', 'Alex T', and 'Guy P'. The final output is 'The names were written to 3friends'.

```
1
2 def main():
3     print('[Enter the names of three friends. ]') # get 3 names
4     name1= input ('Friend #1: ')
5     name2= input ('Friend #2: ')
6     name3= input ('Friend #3: ')
7     myfile = open (r'C:\Users\wprado\Desktop\Python\Chapter 6\2025-06-23-3friend
8     myfile.write(name1+'\n')
9     myfile.write(name2+'\n')
10    myfile.write(name3+'\n')
11    print('The names were written to 3friends')
12
13 main() #call the main function
14
```

```
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\2025-06-23 - 3friends.txt =
[Enter the names of three friends. ]
Friend #1: Daniel G
Friend #2: Alex T
Friend #3: Guy P
The names were written to 3friends
>>>
```

#2



The image shows a Python IDE window titled "2025-06-23 - authors.py" with a menu bar (File, Edit, Format, Run, Options, Window, Help). The code in the editor is as follows:

```
1 def main():
2     outfile = open(r'C:\users\wprado\Desktop\Python\Chapter 6\2025-06-23 authors
3
4     #write the anme of three famous authors
5     outfile.write('John Locke\n')
6     outfile.write('David Hume\n')
7     outfile.write('Edmund Burke\n')
8     outfile.close() #close the file
9 main() #call the main function
10
11 print('=====')
12
13 def read_file():
14     outfile = open(r'C:\users\wprado\Desktop\Python\Chapter 6\2025-06-23 authors
15     contents = outfile.read() # read entire file contents
16     print(contents) # print to console
17     outfile.close() # close the file
18
19 read_file() # call the function
20
```

Below the editor is an "IDLE Shell 3.13.4" window with a menu bar (File, Edit, Shell, Debug, Options, Window, Help). It displays the following output:

```
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\2025-06-23 - authors.py ===
John Locke
David Hume
Edmund Burke
John Locke
David Hume
Edmund Burke
>>>
```