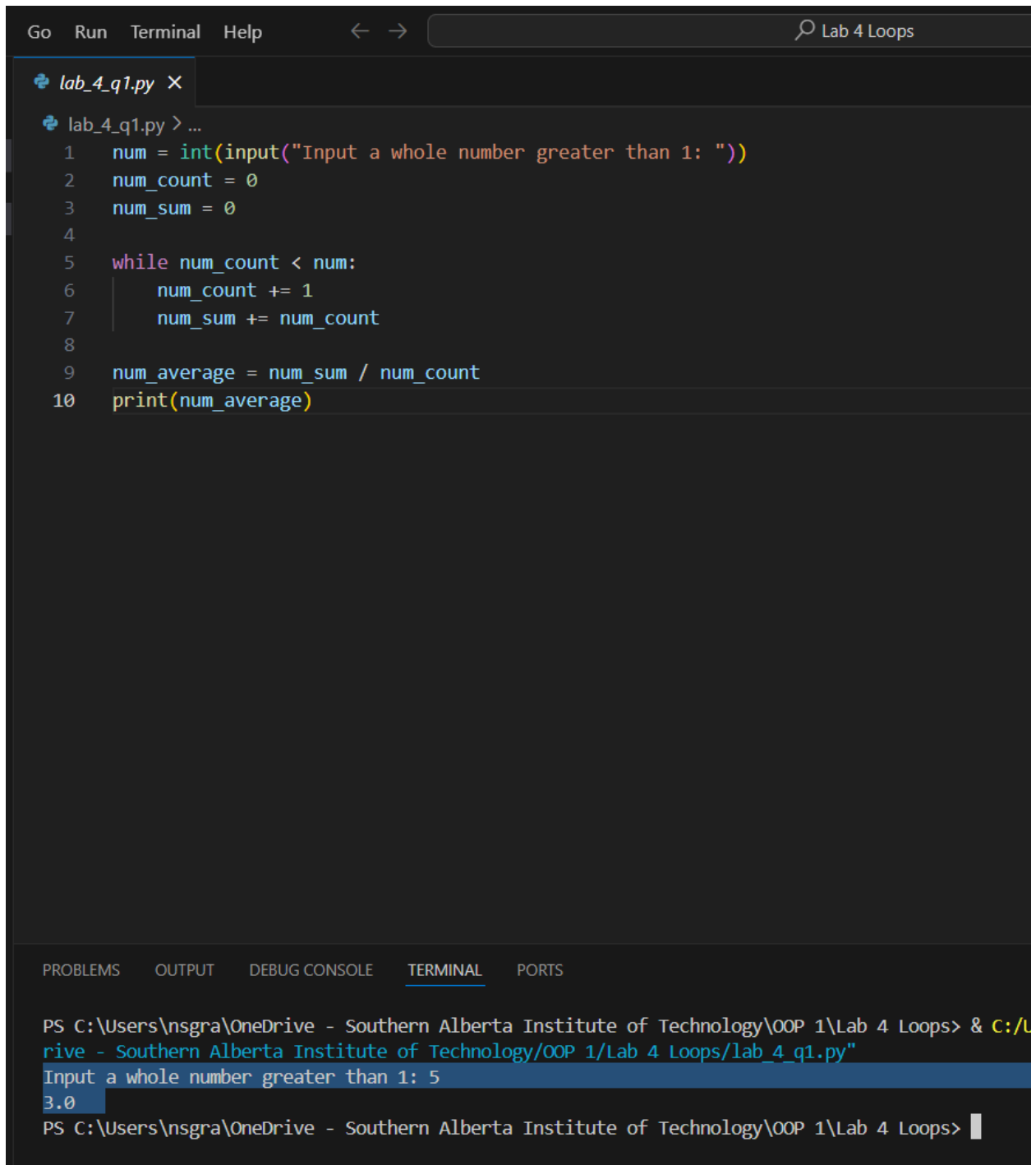


Nicholas Graham CPRG 216 F – Lab 4

Question 1)



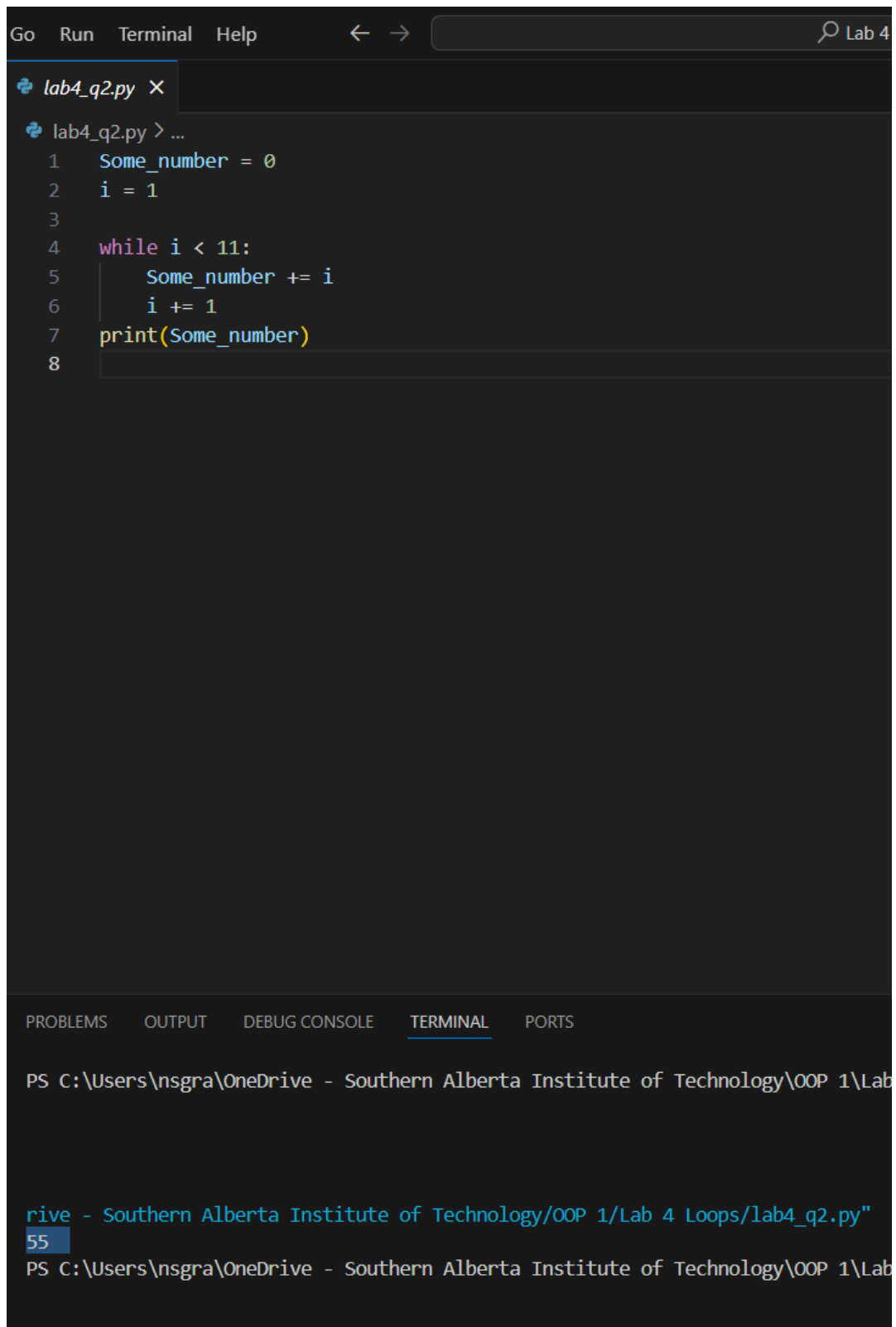
The image shows a screenshot of a Python IDE with a dark theme. The top menu bar includes 'Go', 'Run', 'Terminal', and 'Help'. A search bar on the right contains 'Lab 4 Loops'. A tab labeled 'lab_4_q1.py' is open. The editor displays the following Python code:

```
lab_4_q1.py > ...
1  num = int(input("Input a whole number greater than 1: "))
2  num_count = 0
3  num_sum = 0
4
5  while num_count < num:
6      num_count += 1
7      num_sum += num_count
8
9  num_average = num_sum / num_count
10 print(num_average)
```

At the bottom, the 'TERMINAL' pane shows the command prompt execution:

```
PS C:\Users\nsgra\OneDrive - Southern Alberta Institute of Technology\OOP 1\Lab 4 Loops> & C:/U
rive - Southern Alberta Institute of Technology/OOP 1/Lab 4 Loops/lab_4_q1.py"
Input a whole number greater than 1: 5
3.0
PS C:\Users\nsgra\OneDrive - Southern Alberta Institute of Technology\OOP 1\Lab 4 Loops> |
```

Question 2)



The image shows a code editor window with a dark theme. The editor has a menu bar with 'Go', 'Run', 'Terminal', and 'Help'. Below the menu bar is a search bar with a magnifying glass icon and the text 'Lab 4'. The editor displays a file named 'lab4_q2.py' with the following Python code:

```
1 Some_number = 0
2 i = 1
3
4 while i < 11:
5     Some_number += i
6     i += 1
7 print(Some_number)
8
```

Below the code editor is a terminal window with tabs for 'PROBLEMS', 'OUTPUT', 'DEBUG CONSOLE', 'TERMINAL', and 'PORTS'. The 'TERMINAL' tab is active, showing the command prompt 'PS C:\Users\nsgra\OneDrive - Southern Alberta Institute of Technology\OOP 1\Lab 4 Loops>' and the command 'python lab4_q2.py' being executed. The output of the program is '55'.

```
PS C:\Users\nsgra\OneDrive - Southern Alberta Institute of Technology\OOP 1\Lab 4 Loops> python lab4_q2.py
55
```