

The George Washington University



Advanced Software Paradigms (CSCI 6221.10)

Homework Assignment #2

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Submitted By:

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Submitted to:

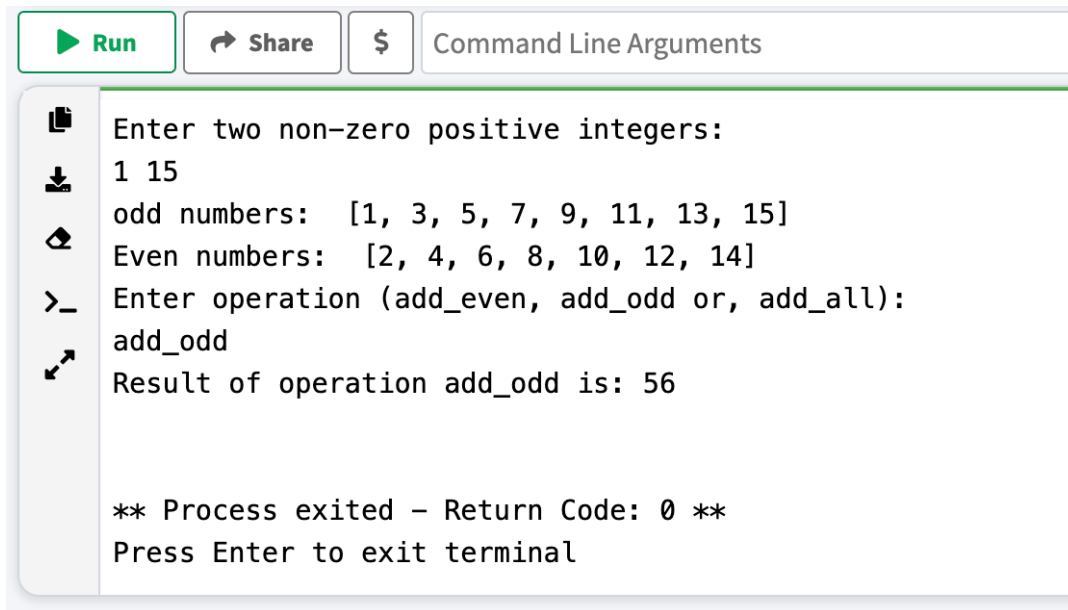
Professor Yih-Feng Hwang

Steps for execution:

1. The provided program is written in **Python**. To run it, use any online Python compiler, for example: <https://www.online-python.com/>
2. Copy the code from the attached source code .txt file and paste it into the code area in the online compiler.
3. Click the “Run” button in the compiler.
4. Review the output/result displayed by the compiler, as illustrate in Figure 1.

Screenshots:

1. When the input is correct and operation is correct

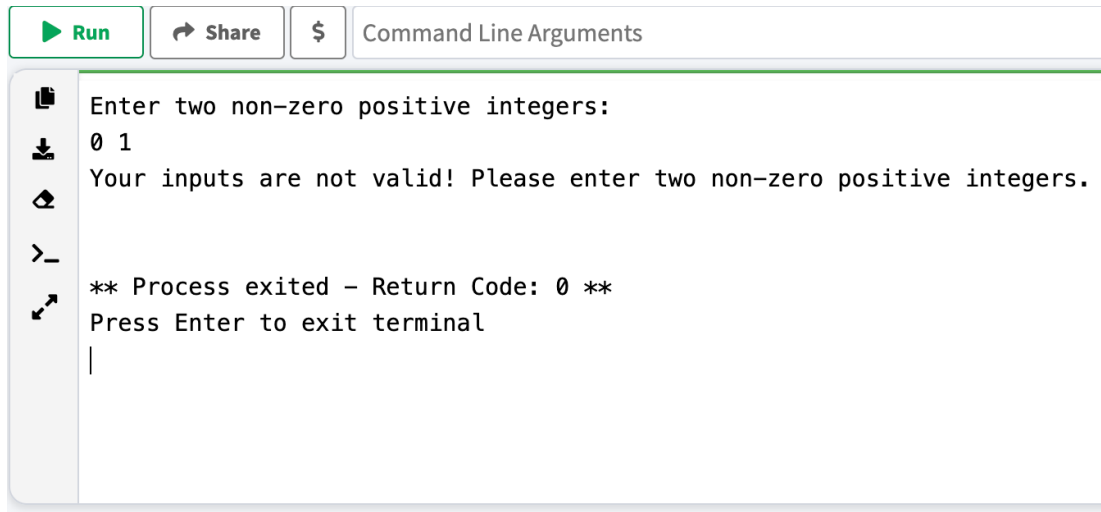


```
Enter two non-zero positive integers:
1 15
odd numbers:  [1, 3, 5, 7, 9, 11, 13, 15]
Even numbers:  [2, 4, 6, 8, 10, 12, 14]
>_ Enter operation (add_even, add_odd or, add_all):
add_odd
Result of operation add_odd is: 56

** Process exited – Return Code: 0 **
Press Enter to exit terminal
```

Figure 1: Result when input is correct

2. When there is error in input numbers or operation



The screenshot shows a terminal window with a header bar containing three buttons: 'Run' (with a green play icon), 'Share' (with a share icon), and a button with a dollar sign icon labeled 'Command Line Arguments'. The terminal content is as follows:

```
Enter two non-zero positive integers:
0 1
Your inputs are not valid! Please enter two non-zero positive integers.

** Process exited - Return Code: 0 **
Press Enter to exit terminal
|
```

Figure 2: Result when input is incorrect