

Pittsburg State University
Programming Assignments
EET 247 – Programming for Electronic Devices

PROBLEM SET 1: INTRODUCTION TO COMPUTER PROGRAMMING

LAB ASSIGNMENT – 1D: *Simple Math*

Objective:

Using your textbook, notes and personal research material, write a program using the C Programming language that will display the desired output on the command screen per the specifications provided.

Specifications:

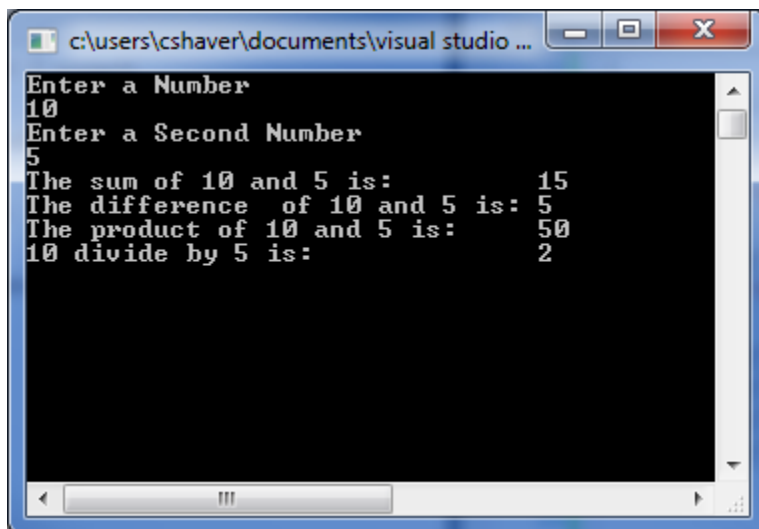
Input: 2 Integers from keyboard

Process: Clear the display screen and perform the required math processes on the inputs

Output: The screen should display the following items per the exhibit below:

- The sum of two integers
- The difference between two integers
- The product of two integers
- The result of integer 1 divided by integer 2 given in the form of an integer

If a user enters 10 and 5 as the two integers, your Screen should look like this...



```
c:\users\cshaver\documents\visual studio ...
Enter a Number
10
Enter a Second Number
5
The sum of 10 and 5 is: 15
The difference of 10 and 5 is: 5
The product of 10 and 5 is: 50
10 divide by 5 is: 2
```

REPORTING: Submit your executable file, **documented** source code and screen shot of your output for proper consideration. As part of your source code documentation, identify any limits to the expected input, output and/or processing.