

CS1050 – Prelab2

Spring 2019

Concepts to Practice

- Simple input/output
- Integer variables
- Arithmetic operators

Description

For the prelab assignment, write a C program that reads in three integer numbers from user input. Save the absolute value of the three integers in variables named A, B, and C. Consider that if the user enters a negative number, you can just multiply that number by -1 (negative 1) to get the absolute value. Print the values of A, B, and C. Print the value of A, B, and C added together. Print the value of A, B, and C multiplied together.

Sample Output 1 (bold case shows user input)

```
jer676@tc-m610-login-node623:>compile prelab2.c
jer676@tc-m610-login-node623:>./a.out
Enter 3 integers separated by spaces:
3 4 5
*** Initial values ***
A = 3
B = 4
C = 5

*** Calculated values ***
A plus B plus C = 12
A times B times C = 60
```

Sample Output 2 (bold case shows user input)

```
jer676@tc-m610-login-node623:>compile prelab2.c
jer676@tc-m610-login-node623:>./a.out
Enter 3 integers separated by spaces:
-2 7 -3
*** Initial values ***
A = 2
B = 7
C = 3

*** Calculated values ***
A plus B plus C = 12
A times B times C = 42
```