

CPSC1012 – Modular Programming Worksheet

Overview

This worksheet will demonstrate your ability to create modularized programs.

Instructions

Complete the following on your own. If you would like to work with a partner, that is fine as both of you are responsible for your own work. Remember this is for learning, not a challenge simply to be completed.

Purpose

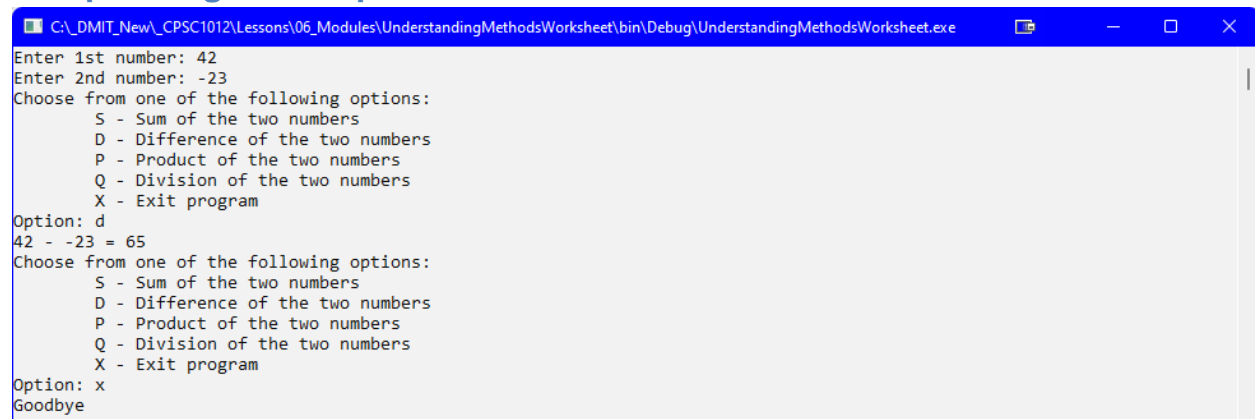
The purpose of this worksheet is to ensure that you are familiar with how to create modularized programs.

Questions

**NOTE: Remember to use parameters and NOT global variables for your solutions. This may require you to rewrite the solutions using the appropriate pseudo code. Both problems will use the `GetSafeInt(string prompt)` method.*

1. Create a user-defined function that will determine and return the absolute value of a number.
2. Code the revised menu-driven program that inputs two numbers and, at the user's option, finds their sum, difference, product, or quotient.

Sample Program Output



```
C:\DMIT_New\CPSC1012\Lessons\06_Modules\UnderstandingMethodsWorksheet\bin\Debug\UnderstandingMethodsWorksheet.exe
Enter 1st number: 42
Enter 2nd number: -23
Choose from one of the following options:
    S - Sum of the two numbers
    D - Difference of the two numbers
    P - Product of the two numbers
    Q - Division of the two numbers
    X - Exit program
Option: d
42 - -23 = 65
Choose from one of the following options:
    S - Sum of the two numbers
    D - Difference of the two numbers
    P - Product of the two numbers
    Q - Division of the two numbers
    X - Exit program
Option: x
Goodbye
```