Assignment 3

Question 1

The program will prompt the user to choose the operation choice (from 1 to 5). Then it asks the user to input two integer vales for the calculation. Every operation should be in function like See the sample below. 

MENU   
          1. Add   
          2. Subtract   
          3. Multiply   
          4. Divide   
          5. Modulus   
Enter your choice: 1   
Enter your two numbers: 12 15   
Result: 27   
    
Continue? y   
    
The program also asks the user to decide whether he/she wants to continue the operation. If he/she input ‘y’, the program will prompt the user to choose the operation gain. Otherwise, the program will terminate.

Question 2

 Write a Program with a swap function call by reference to Swap two Numbers

1. Without Using Temporary Variables
2. With using temporary variables

Question 3

The program will display the smallest and greatest of those values. It also displays the value that occurs the most.

Question 4

Write a C++ program that prompts the user to input three integer values and find the greatest value of the three values.

Question 5

Write a definition of a function that adds n integers using recursion and then return the sum. Prototype of the function is below

int sum\_number(int);