**Challenge 1**

Task Requirement:

You should write a code that takes two input numbers save them in a variable of type (Char) and one character operand (‘+’ or ‘-‘) add both numbers and return the summation of the two numbers if the operand is ‘+’ and subtract the first number minus the second number if the operand is ‘-‘ and return the result.

Constraints:

Your code should handle the addition in a separate function with the following declaration:

int Addition (uint8 n1, uint8 n2);

Your code should handle the subtraction in a separate function with the following declaration:

int Subtraction (uint8 n1, uint8 n2);

and you are not allowed to create any variable in this function.

N.B: you can use a macro to define MAX\_VALUE and MIN\_VALUE

**Test Cases**

Test Case 1

Inputs:

1

5

+

Output:

6

Test Case 2

Inputs:

150

250

+

Output:

Overflow

Test Case 3

Inputs:

100

50

-

Output:

50

Test Case 4

Inputs:

10

50

-

Output:

Underflow