INTEGER ARITHMETIC

1. Language: C/C++

2. Requirement: Input two 8 bits signed integers called A and B. Solve the following problems:
   a. Get bits of A and B. Store to two bit arrays char arrA[8] and arrB[8] then print out those two.
   b. Write functions: add, subtract, multiply, divide of arrA and arrB

   Output sample:

Input A (Decimal): 10

Input B (Decimal): 5

A (Binary): 00001010

B (Binary): 00000101

A + B (Binary): 00001111

A + B (Decimal): 15

A - B (Binary): 00000101

A - B (Decimal): 5

A * B (Binary): 00110010

A * B (Decimal): 50

A / B (Binary): 00000010

A / B (Decimal): 2

A % B (Binary): 00000000

A % B (Decimal): 0

3. Submission instructions

- Please submit your assignment to the Moodle
- The assignment will be compressed to a zip/rar file named MSSV.zip/rar that includes two files:
  - MSSV.c/cpp: Source code
  - MSSV.docx/pdf:

- Screenshots of the program output (Unit Test)
- What percentage of the work is done?