Lab 06 - Loops

Direction: Submit your typed work(s) as an upload(s) to the Labs directory of your GitHub repository or Dropbox, or in your correct Lab06 google classroom assignment. Each part should be a separate files. The files named should be `"lab6A.cpp"` and `"lab6B.cpp"` respectively.

Part A: In class

Your objective is to write the definition of the function `Minimum()` whose header is

```
int Minimum(const int data[],int n)
```

Given that n represents the size of *data*, the function returns the minimum value of *data*. For instance, if $data = [1, 2, 4, 3, 2, 6, 5]$ then $n = 7$ and the function will return 1.

Part B: Take home

Your objective is to write the definition of the following functions

a. Write the definition of the function `GCD()` whose header is

```
int GCD(int m,int n)
```

It returns the greatest common divisor (GCD) of the absolute values of m and n. Recall that the greatest common divisor of zero and any number is 1.

b. Write the definition of the function `ToUppercase()` whose header is

```
string ToUppercase(const string str)
```

It returns a copy of *str* with all the letters in uppercase. For instance, the function call `ToUppercase("PiZZa1")` will return `"PIZZA1"`.