Assessment for Introduction to Functions and Libraries

The following are to be completed to verify your learning.

1. Create a program that has two functions. The first function will take two integer arguments and return a single integer. The function will return the closer of the two integers to 0. The second function will take two character arguments and return a single character. The function will return the character closer to the character ‘E’.
2. Here is the main function that will call your two functions:

**#include** "msp.h"

/\*\*

\* main.c

\*/

**void** **main**(**void**)

{

WDT\_A->CTL = WDT\_A\_CTL\_PW | WDT\_A\_CTL\_HOLD; // stop watchdog timer

**int** variable1 = 5;

**int** variable2 = 3;

**int** result1;

**char** character1 = 'z';

**char** character2 = 'a';

**char** result2;

result1 = distance\_integer(variable1, variable2);

result2 = distance\_character(character1, character2);

**return**;

}