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:

```c
#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;

}
```