

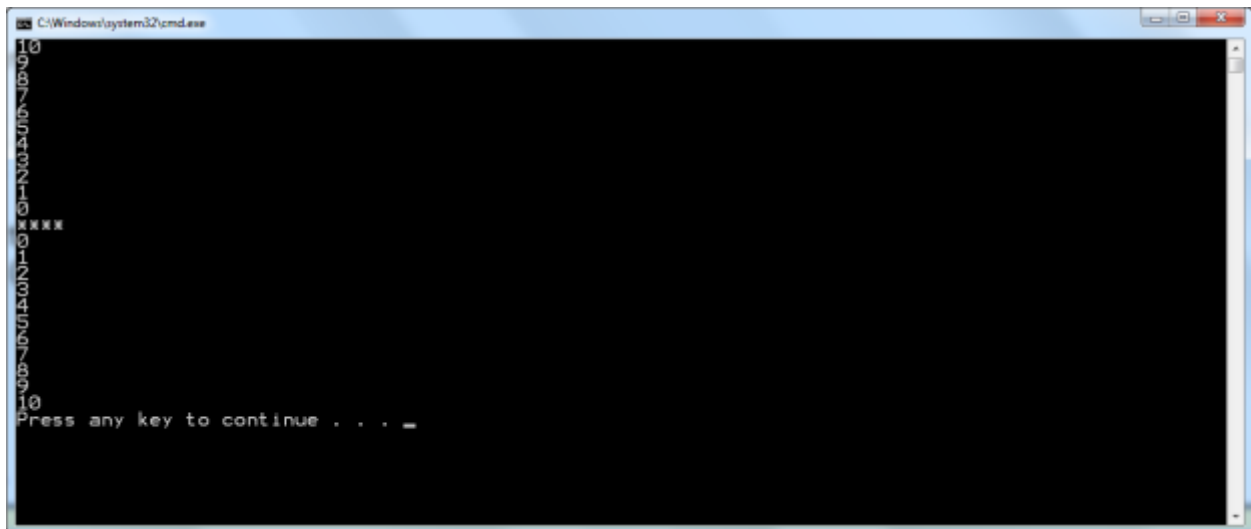
Create a project called Daily6. Add a C source file to the project named daily6.c. Write a program that will call a function that you write called `recursive_down_to_zero` that takes one argument of type integer and will use recursion as we did in class to print all of the integers from the number entered as the argument down to and including the number zero with each number appearing on one line.

Next you should print one line containing four asterisks and a new line.

Finally your program should call another function that you write called `recursive_up_to_int` that takes one argument of type integer and will use recursion as we did in class to print all of the integers from zero up to and including the number entered from the keyboard.

Please note that you may NOT use a loop in this program, you must use recursion.

A sample run of the program is given in the screenshot below if 10 is the argument to both functions:



```

C:\Windows\system32\cmd.exe
10
9
8
7
6
5
4
3
2
1
0
****
0
1
2
3
4
5
6
7
8
9
10
Press any key to continue . . . _

```

At the top of your program you should have a comment section that follows the below format:

```

/*****
Author: Dr. Jonathan Mwaura
Date: <today's date>

Answer to question: <Insert the answer to
the following question: What happens if
the integer that you use as an argument
is too big? Say 500000?>
*****/

```