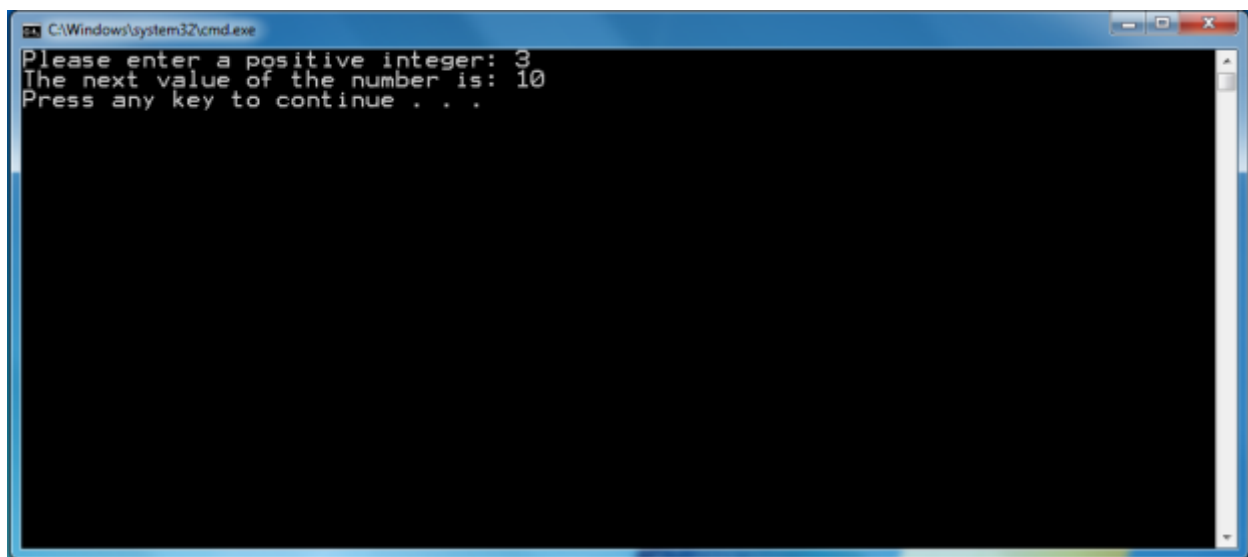Create a project called Daily7.  Add a C source file to the project named daily7.c.  Write a program that will create an integer variable named number and will prompt and allow the user to enter a positive integer value (e.g. greater than zero).  If that value is even (evenly divisible by 2) then divide it by 2, store the result back in the variable number, and display the result.  If the value entered is odd then multiply it by 3 and add 1, store the result back in the variable number, and display the result.

It is helpful to note that C has a modulo operator, %, that will evaluate as the remainder after a long division.  For example 21%2 evaluates as 1 since 21 divided by 2 has a remainder of 1.  You can use this operator to determine if something is even or odd with an if-statement.

Your output should look something like the following:



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

```
/***********************************************
    Author: <insert your name>
    Date: <today's date>

    Purpose: <Insert the purpose of the program here>
***********************************************/
```