Assignment 5 checklist

**Functional:**

Creates a text file containing the printed ASCII values of the data from a binary file.

Take in an input file name as the first (and only) argument on the command line using argc and argv in main().

For each character, print (to the output file) the numeric ASCII representation of the character using fprintf().

The numeric value must be printed as an integer, three characters in size, zero-padded (use fprintf() width formatting codes for this). Put one space between each three-character integer.

Every 10 input characters, print a '\n' in the output file. Also put a '\n' at the end of the file

**Manditory:**

Define a function called getSmallFileLength() in a file you create called fileUtilities.c.

Find the size of the input file using a call to getSmallFileLength()

Dynamically allocate a block of memory of the appropriate size using malloc()

Read the entire file in using one fread() call.

Close the files once done.

Free the allocated block once done

Check return values for all file I/O

**Do Not:**

get user input from the keyboard in your program

use global variables or goto

use exit().

**getSmallFileLength()**

It takes a name of a file as a parameter as a const char \*

It must use FindFirstFile() to get the length of that file. If FindFirstFile indicates an error, display an error message and return -1. Otherwise, return the nFileSizeLow value from the WIN32\_FIND\_DATA struct you declare

This function only works properly for files that are less than 2,147,483,647 bytes in size. This is a limitation that must be documented in both the function comment and an inline comment in the function itself