



Tennessee
TECH

CSC 1300 LAB 6 GOLD

FALL 2024

CONCEPTS

- Menu based program
- Functions, returning data from a function, sending data to a function
- Loops, nested loops
- Switch statement
- Running total
- Input/Output Files
- Output with ASCII art

HAUNTED HOUSE



Image created with ChatGPT

NO PAIRED PROGRAMMING OPTION

This is an **individual assignment**. As per the syllabus, you may still talk with other students about the assignment, **however**, you are not allowed to share more than a few lines of code with them.

DESCRIPTION / SPECIFICATIONS

1. Create a source file named **lab6.cpp**.
2. Write a menu-based game where the user must navigate through a haunted house following the rules in the **DO/DON'T** box below.

Helpful website: One of the things you must do is display some ASCII art to the screen. You can get ideas & help from here: Get ideas & help from here: <http://patorjk.com/software/taag/#p=display&f=Big%20Money-ne&t=Gringotts>

DO	DON'T
Do give the user a at least one menu of choices, validate the user's choice, and use a switch statement to execute the code for their choice.	Don't include any C++ libraries that we haven't talked about in class.
Do create at least two programmer-defined functions. You must send data from the main function to at least one of these functions and one of the functions must return data.	Don't create any structs or classes.
Do use at least one nested for loop (a for loop inside of a for loop).	Don't use vectors.
Do print at least one ASCII art to the screen.	Don't use pointers.
Do have at least one accumulator that keeps track of a running total throughout your program, which should be printed at the end.	Don't create any data structures other than arrays (Arrays are optional).
Do use input/output files (at least one of each).	
Do create a comment block at the top containing the filename, author (you), date, and make sure to describe the purpose of your program.	
Do include some comments throughout your code to explain major sections.	
Do use good programming practices and make your output readable (does the user know what to do?) as well as your code.	

WHAT TO TURN IN

Compress/zip the **Lab6Gold_yourTTUsername** folder and upload it to the ilearn assignment folder named **Lab 6**.