

Name: _____

1. Create these two folders: **LABS** and **PROJECTS**
2. Create a Win32 Console Application named **lab01** in the **LABS** folder.
3. Copy the source and header files from the web site to the **lab01** folder.
4. Locate the header file **glut.h**. Write down the *full* path name for **glut.h**:

5. What directory are these link libraries found in (write down the full path name):

glut32.lib, opengl32.lib _____

6. **BEFORE compiling**, examine the source code for understanding. Try to answer these questions:

- a. List the names of all global variables: _____
- b. What is the window title? _____
- c. What is the initial window background color? _____

7. Many functions are called. List the names of **ALL** functions that you cannot fully understand by examining the code (there are some we have not talked about!):

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8. Create the executable program. Execute it. Answer these questions:

a. How would you make the colors cycle faster?

b. By changing one line in one function you can make the colors cycle randomly through the array of colors instead of sequentially. Name the function, write the existing line of code, and write the modified code:

Function: _____

Existing code: _____

Modified code: _____