

LAB ASSIGNMENT 5L

Submit code: **5L**

Purpose

The purpose of this assignment is to give you practice with writing more if statements and also introduce to while loops

Problem

There is a rhyme for deciphering the weather lights on the old Hancock building in Boston:

***Steady blue, clear view
Flashing blue, clouds due
Steady red, storms ahead
Flashing red, snow instead***

Let us simulate this with a simple program. Have the user two numbers one for colors blue or red, and another to indicate whether the light is steady or flashing. Based on the user's input you must display one of the four messages above.

Light color: 1 for Blue, 2 for Red

Light steadiness: 1 for Steady, 2 for Flashing

We also want the user to keep going until they decide to stop. To do this you **MUST** use a while loop.

Inputs

Once a set of inputs are processed for light color & steadiness and a message is displayed, prompt the user to continue – if the user enters “y” for continuing start all over again by prompting for light color and steadiness. Otherwise stop the program.

Outputs

Sample output files are available in the Public folder.

Constants

Use constants for any values that do not change in the program

Submission

Submit your program file using code 5L