Name(s) _____

CS 1120: Media Computation Spring 2018
Lab 3: Manipulating photos with loops

Instructions
You should use this sheet in conjunction with the lab instructions sheet. the lab. As you work through the lab you will see questions that you are to answer. These are normally marked with square brackets such as **[Q1]**. Whenever you see one of those questions in the instructions you should switch to this sheet and write down the answers on this sheet.

Turn in this sheet by the end of class.

Responses

[Q1] What are the RGB color values of the pixel from the original image?

[Q2] What are the RGB color values of the pixel from the changed image?

[Q3] Compare the red values between these two pixels.   How do they compare?

[Q4] Compare the green values between these two pixels. How do they compare?

[Q5] Compare the blue values between these two pixels. How do they compare?

[Q6] What are the RGB color values of the pixel from the original image?

[Q7] What are the RGB color values of the pixel from the changed image?

[Q8] Notice that the green value in the changed pixel is NOT 1.5 times the green value of the original pixel. Why do you think that is (HINT. What number is 1.5 times the green value of the original pixel? Why can't the computer set to that value?)

[Q9] What do you PREDICT this code will do?

[Q10] What did the code ACTUALLY do? How did you verify this?

[Q11] mysteryMethod1() is a bad name. It doesn't tell us anything about what this does. What would be a better name?

[Q12] What do you PREDICT this code will do?

[Q13] What did the code ACTUALLY do? How did you verify this?

[Q14] mysteryMethod2() is a bad name. It doesn't tell us anything about what this does. What would be a better name?

[Q15] What do you PREDICT this code will do?

[Q16] What did the code ACTUALLY do? How did you verify this?

[Q17] mysteryMethod3() is a bad name. It doesn't tell us anything about what this does. What would be a better name?

[Q18] What do you PREDICT this code will do?

[Q19] What did the code ACTUALLY do? How did you verify this?

[Q20] mysteryMethod4() is a bad name. It doesn't tell us anything about what this does. What would be a better name?

[Q21] What do you PREDICT this code will do?

[Q22] What did the code ACTUALLY do? How did you verify this?

[Q23] mysteryMethod5() is a bad name. It doesn't tell us anything about what this does. What would be a better name?

[Q24] What do you PREDICT this code will do?

[Q25] What did the code ACTUALLY do? How did you verify this?

[Q26] mysteryMethod6() is a bad name. It doesn't tell us anything about what this does. What would be a better name?