15.07 Assignment Instructions

Instructions: Work through Activity 5, 6, and 7 of the Picture Lab found in this lesson. The files needed and details for completing each item below can be found in the lesson.

After all activities are completed, the following will be completed:

1. Copy previous files related to the Picture Lab to a new project folder.
2. Complete Activity 5 and the related questions in the worksheet.
3. For Activity 5 Exercises, create the following methods and their tester methods:
    - Pick one: `keepOnlyRed`, `keepOnlyBlue`, `keepOnlyGreen` that will keep only that color and set the other two to zero
    - The `negate` method
    - The `grayscale` method
4. After the Activity 5 Exercises are complete, update the worksheet with your results.
5. For Activity 6 Exercises, create the following methods and their tester methods:
    - The `mirrorVerticalRightToLeft` method
    - The `mirrorHorizontal` method
    - The `mirrorHorizontalBotToTop` method
6. After the Activity 6 Exercises are complete, update the worksheet with your results.
7. Complete Activity 7-related questions in the worksheet.
8. For Activity 7 Exercises, create the following methods and their tester methods:
    - Modify the `mirrorTemple` method to display a count for the loop
    - The `mirrorArms` method
    - The `mirrorGull` method
9. After the Activity 7 Exercises are complete, update the worksheet with your results.

🖶 **Print**