

14.10 Assignment Instructions

Instructions: Work through Activity 1, 2, 3, and 4 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. Set up the files related to the Picture Lab project.
2. Complete Activity 1 and the related questions in the worksheet.
3. Complete Activity 2 and the related questions in the worksheet.
4. For Activity 3 Exercises, modify the `main` method in the class `PictureExplorer` class code to do the following:
 - Display a different image.
 - Scale the new image.
5. Complete Activity 3-related questions in the worksheet.
6. For Activity 4 Exercises, modify the `IntArrayWorker` and `IntArrayWorkerTester` classes to implement and test the following methods:
 - `getCount` that returns the count of the number of times a passed integer value is found in the matrix
 - `getLargest` that returns the largest value in a matrix
 - `getColTotal` that returns the total of all integers in a specified column.
7. Complete Activity 4-related questions in the worksheet.