

CS 105 MSG Activity 1:
Arrays
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Question 1.

What is an array? What types can it hold? Is it variable- or fixed-length?

Question 2.

If the pixel color values of the screen in Processing were stored in a (2D) array, what would the dimensions of the array be?

(a) `width` =

(b) `height` =

What type would the array be?

How would I set the pixel at $(2, 4)$ to be green?

How would I set the pixel at (i, j) to be a `color col`?
(this is the general solution to this kind of problem)

Question 3.

How would we print the contents of an array? For this example, assume we're printing an array `arr` of `integer` values. Write a function `printIntArray` that accomplishes this task.

Question 4.

Write a function that calculates the mean of an array of floats and returns it.