**Introduction:**

1. It takes 8 bits to represent the values from 0 to 255.
2. It takes 3 bytes to represent a color in the RGB color model.
3. 307,200 pixels are in a picture that is 640 pixels wide and 480 pixels high.

**Color Chooser:**

1. Pink: r=255, g=90, b=255
2. Yellow: r=255, g=255, b=0
3. Purple: r=255, g=0, b=255
4. White: r=255, g=255, b=255
5. Dark Gray: r=70, g=70, b=70

**PictureExplorer**

Questions

1. 0
2. 0
3. 639
4. 479
5. Top to bottom
6. Left to right
7. Yes, I see it.

Exercises

I modified the main method and created and explored the flower1.jpg picture from the images folder.

**A4: Two-dimensional arrays in Java**

I completed the exercises in the IntArrayWorker class

**A5: Modifying a Picture**

Questions

1. No, the method getPixels2D() isn’t there.
2. Yes, the method getPixels2D() is there.
3. No, that code doesn’t compile.
4. Yes, that code compiles.
5. Yes, that code compiles.
6. Yes, that code compiles.
7. No, this code doesn’t compile.

Exercises:

Did it!

**A6: Mirroring pictures**

Exercises:

Did it!

**A7: Mirroring part of a picture**

Questions:

1. The body of this nested for loop executes 90 times.
2. The body of this nested for loop executes 112 times.

Exercises:

Did it.

**A8: Creating a Collage**

Exercises:

Did it!

**A9: Simple Edge Detection:**

Exercises:

Did it.