



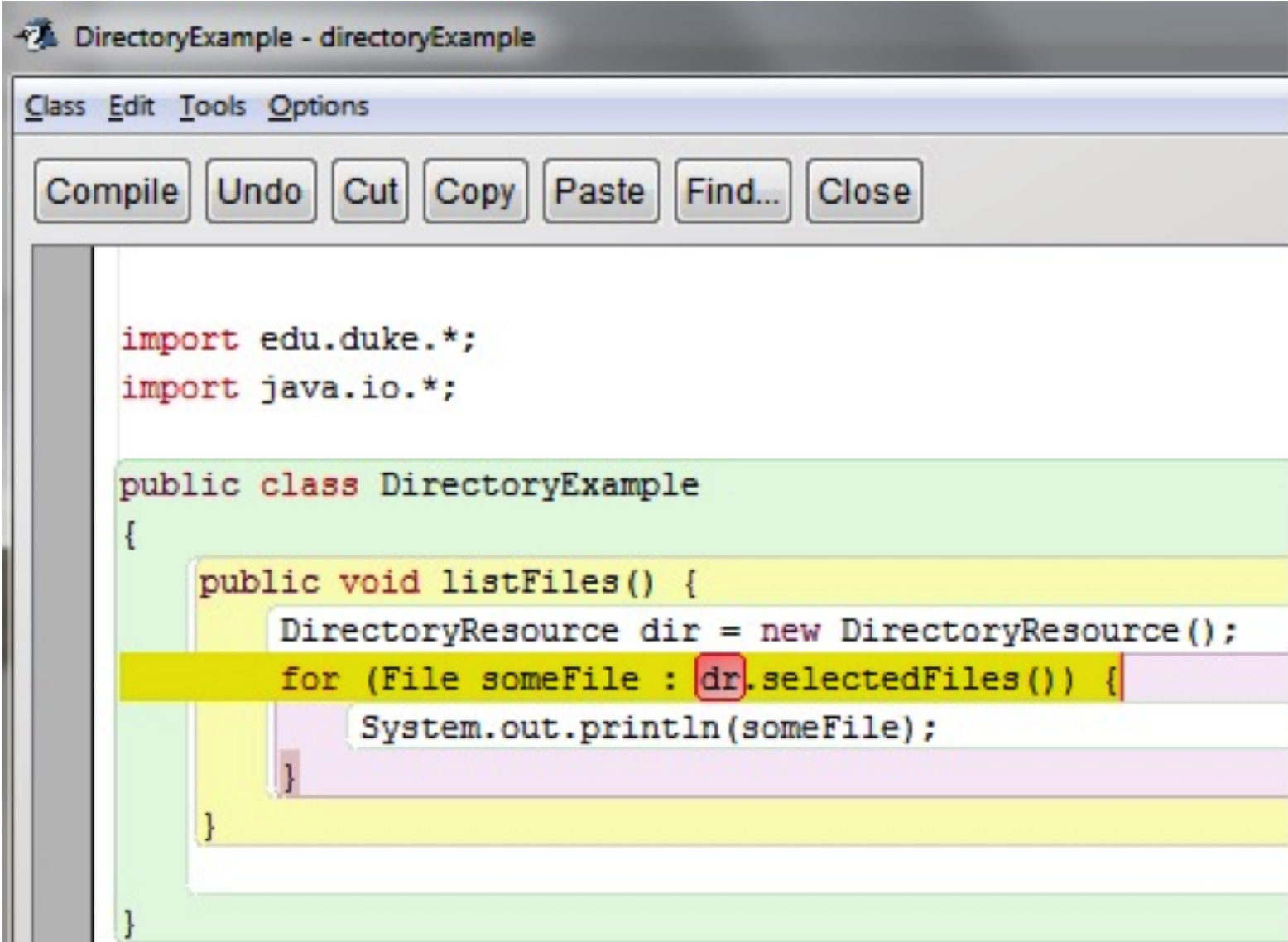
Congratulations! You passed!

Next Item



- Consider writing code to list out files in one of your folders using **DirectoryResource**. The following attempt at writing such code has an error.

1 / 1 points

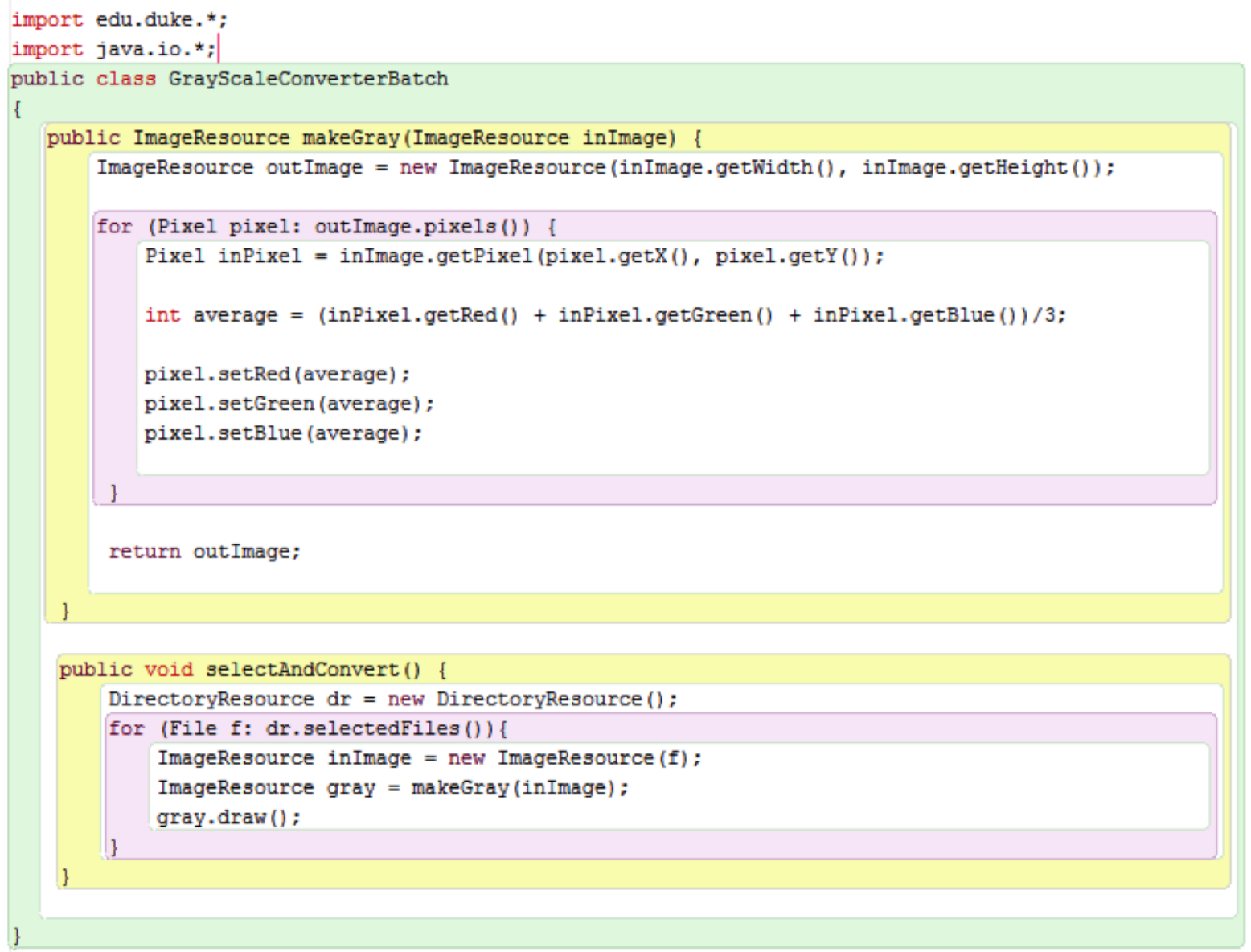


Which one of the following best explains what the error is?



- Shown below is the code that was developed in one of the videos to convert many images to grayscale and to display those grayscale images.

1 / 1 points



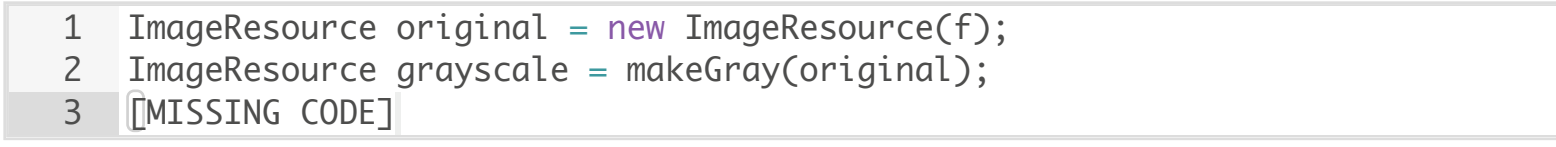
Consider adding additional code to this program to save each of the new grayscale images created as a file.

Which one of the following is the best method to modify to make this change?



- Suppose one wants to convert a given image to grayscale and then display and save the resulting grayscale image as a file.

The code below has been started for you. The variable **f** is a file of an image and the method **makeGray** returns an image that is the grayscale image of the original image.



Which one of the following is the missing code that will convert the original image into a new file that is a grayscale version of the original image?



- Consider writing a program to create new images that are photographic negatives (or inverted images) of selected images.

1 / 1 points

In inverting an image, a pixel's red, blue and green components are modified to be the exact opposite within the 0 to 255 range. That is, if a pixel's red, blue, and green values are (34, 198, 240) then that same pixel in the inverted image would have the red, blue, and green values of (221, 57, 15). Note that 255 - 34 is 221, 255 - 198 is 57, and 255 - 240 is 15.

For example, these images show the original and inverse images of Robert.



Suppose a pixel has RGB values of (100, 30, 250).

Which one of the following shows the correct RGB values for the inverted pixel?



- Consider writing a program to create new images that are photographic negatives (or inverted images) of selected images.

1 / 1 points

Suppose we have a Pixel named **pxInvert** and a Pixel named **pxOriginal**.

What is the line of code to change **pxInvert**'s red color to the inverted red color of **pxOriginal**?

Hints: Start with **pxInvert.setRed**

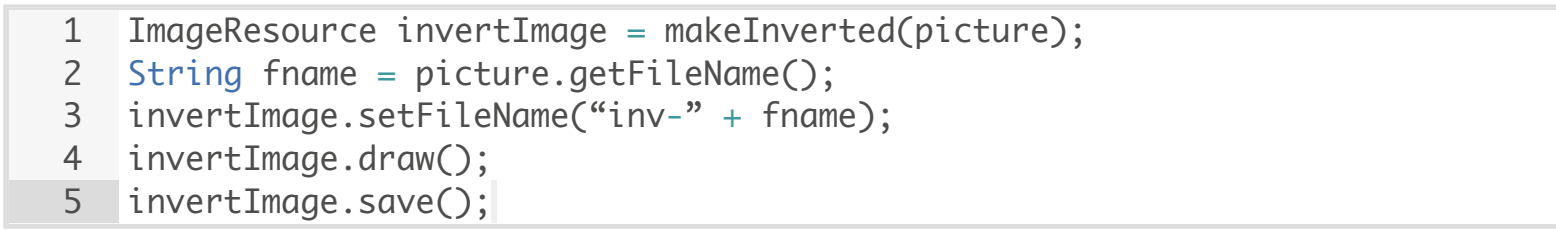
Remember the semi colon at the end.



- Consider writing a program to create new images that are photographic negatives (or inverted images) of selected images.

0 / 1 points

Suppose we have an ImageResource variable named **picture** whose current value is for an image file named **dragon.png**. See the following code segment below.



What is the name of the resulting file?