Which of the following changes to the code would fix the problem and produce the

Move the else block to be after the first if statement instead of after the

correct image?

Remove the else statement.

This leaves the upper right quadrant black.

This should not be selected

second.

apply.

getBlue()

Un-selected is correct

values()

the color of the border pixels.

and need to be changed to black.

Un-selected is correct

setBlue()

Correct

This should not be selected

Correct

Correct

Practice Quiz, 7 questions

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Add another if statement after the else statement to change the red values of pixels in the upper left quadrant to 255. Change the else to an if statement that checks whether a pixel is in the upper right quadrant. Consider the function **addBorder** that has a parameter **image** and another parameter thickness. This function returns image with an added black border around each side of the image that is **thickness** pixels wide. It calls a function **setBlack** (which changes the color of a single pixel to black) to change the color of border pixels. For example, calling addBorder with the image on the left and a thickness of 10 pixels results in the image on the right.

Which of the following <u>methods</u> must be used in the **addBorder** function? Select all that

- getRed() **Un-selected is correct** getY() Correct This method must be called to determine whether pixels are within the borders and need to be changed to black. setRed() This should not be selected This method is used in the **setBlack** function that **addBorder** calls so it does not need to be used in the **addBorder** function. Review the last programming exercise. If you're having trouble completing that exercise, ask for help in the forums.
- getHeight() This should be selected getX()

This method must be called to determine whether pixels are within the borders

This method must be called to iterate over all the pixels in the image and change

- Debugging Your Code setBlack
- This method is used in the **setBlack** function that **addBorder** calls so it does not need to be used in the addBorder function. Review the last programming exercise. If you're having trouble completing that exercise, ask for help in the forums. setGreen() This should not be selected This method is used in the **setBlack** function that **addBorder** calls so it does not need to be used in the addBorder function. Review the last programming exercise. If you're having trouble completing that exercise, ask for help in the forums. getWidth()

the borders and need to be changed to black.

You need to know the width of the image to determine whether pixels are within