

Flatten

Objective

Learn to write information methods.

Instructions

flatten() – this method relies on the fact that an integer divided by an integer returns an integer. So $237 / 100 * 100$ is actually 200! ($237 / 100 = 2$ then $2 * 100 = 200$). This idea lets us turn a picture with many different colors into one with less colors. You'll notice that the flatten method is already called in `mouseClicked()` but it doesn't work. It's because it hasn't been written yet. Your job is to write the **flatten()** method. It takes in two numbers and returns the result when you divide the first number by the second number then take the result of the division and multiply it by the second number. If done correctly, you will see the picture on the left turn into the picture on the right when you click the mouse.

Examples



Challenge

Find another pic and see the effect. Download the picture and just drag it to your sketch. Change the name of the file it loads.