def copy(picture, newPic, oldX, oldY, newX, newY):
    toX = newX
    for x in range(oldX, oldX + getWidth(picture)/2):
        toY = newY
        for y in range(oldY, oldY + getHeight(picture)/2):
            px = getPixel(picture, x, y)
            newPx = getPixel(newPic, toX, toY)
            setColor(newPx, getColor(px))
            toY = toY + 1
            toX = toX + 1

# makes a range of selected pixels darker
def makeDarkerFunc(newPic, start_x, start_y, end_x, end_y):
    for x in range(start_x, end_x):
        for y in range(start_y, end_y):
            px = getPixel(newPic, x, y)
            setColor(px, makeDarker(makeDarker(getColor(px))))
# makes a range of selected pixels darker

def makeLighterFunc(newPic, start_x, start_y, end_x, end_y):
    # can choose what coords you want to stop and start at
    for x in range(start_x, end_x):
        for y in range(start_y, end_y):
            px = getPixel(newPic, x, y)
            setColor(px, makeLighter(makeLighter(getColor(px))))

# grayscales whole picture

def grayScale(newPic):
    for px in getPixels(newPic):
        avg = (getRed(px) + getGreen(px) + getBlue(px)) / 3
        setColor(px, makeColor(avg, avg, avg))

# makes a white border around the image

def makeBorder(newPic, width, height):
    for px in getPixels(newPic):
        x = getX(px)
        y = getY(px)
        if (x < 5 or x > width - 6 or y < 5 or y > height - 6):
            setColor(px, white)