Green Screen Assignment

In this assignment you will take a picture of yourself in front of a green screen then write a program to shrink yourself, remove the green background and paste yourself onto a background picture of  your choice.

First write and test a shrink method that halves the size of a given image (in the same way that you did the Image Processing Part 2 methods)

Then write and test an expand method that doubles a given image in size (again, in the same way that you did the Image Processing Part 2 methods)

Take a picture in front of the green screen and write a removeGreen method that, given an image, sets all green pixels to be invisible (this time, in the same way that you did the Image Processing Part1 methods - a method in a new tab, given an image, that changes that input image and doesn't return anything).  To make a pixel invisible set the color to be color(0,0,0,0)

Eventually, in the setup you will use these functions together to create the final image.