**Motion Detection Project**

1. Grab images from a live webcam. Save a couple of images.
2. Write code that turns all of the grass in the image blue. In the simple case, it should turn the grass bright blue, (0, 0, 255). In the harder case, it should turn the grass a shade of blue that looks "natural" (if grass was actually blue). Display the image before and after the manipulation. You should be able to easily select whether it turns the grass bright or natural blue easily in your code.
3. Calculate an image showing motion in the image. Take two images from the webcam, separated by a small amount of time. Subtract the pixel values in the one from the other, and threshold them based on absolute value. Display this image, and verify that it corresponds to moving things in the image.
4. Write code that draws a circle around every person moving in the image. Display the original image, and the image with the circles around the people.
5. Modify the code from the last question to draw an ellipse around people who are moving, such that it appears to be on the ground.