

Composite

Last assignment you learned how to open a PNG file and implement a green-screen effect. In this assignment, you'll learn how to combine that green-screen picture with a second image, to produce a **composite** picture like this:



For the **composite()** function, you'll be given two images, instead of one. The first image is the foreground, which you should pass to **greenScreen()**, where the green pixels will be removed. I have included a correct implementation of greenscreen inside the library.

Then, combine the pixels using this plan:

```
Green-screen the foreground image
Set dest pointer to the foreground
Set src pointer to the background
Set end to point just past the end of dest
While dest != end
    If dest pixel is transparent
        Copy pixel at src to dest
    Increment src (*4)
    Increment dest (*4)
```

You should now be able to **make test** and all tests should pass. Once you have 100%, then do **make submit** to turn in your assignment. **Make sure that your score is recorded** on the CS150 Homework Console.

As always, if you run into problems, bring your questions to Piazza or to my office hours