1. Answer these questions about how images are stored in the cImage package.

   a. (2 pts) What 3 colors are used to specify a single point of an image?

   b. (2 pts) What is the type of a single point of an image?

   c. (2 pts) What two pieces of information do you need to specify which point you want in an image?

   d. (2 pts) What 3 color values would you use to create purple?
2. (3 pts) What would be the grayscale pixel representation of the pixel with RGB intensities (200,100,0)?

3. (4 pts) Write the sequence of instructions you need to write into Python from the moment you open the session to load a picture "pic.gif" and display it in a window the same size as the picture.
4. (6 pts) Write a function `removeRedFromPixel` that takes a pixel as an input parameter and removes all of the red from the pixel, returning a new pixel with the proper values.

5. (8 pts) Write a function `toBinary` with a single parameter `n`, which you can assume is a positive integer (in decimal). `toBinary` should return the binary expansion of `n` as a string: for example `toBinary` should return "10111" when called with `n = 23`. 