1. What does RGBA stand for?

**R**ed **G**reen **B**lue **A**lpha

1. From the Pillow module, how do you get the RGBA value of any images?

from PIL import Image

img = Image.open('image.png')

rgba = img.convert("RGBA")

rgbadata = rgba.getdata()

1. What is a box tuple, and how does it work?

A box tuple is a tuple value of 4 integers: the left edge x-coordinate, the top edge y-coordinate, the width, and the height, respectively.

1. Use your image and load in notebook then, How can you find out the width and height of an Image object?

imageObj.size will give a tuple of 2 values which is width and height of the image.

1. What method would you call to get Image object for a 100×100 image, excluding the lower-left quarter of it?

imageObj.crop((0,50,50,50))

1. After making changes to an Image object, how could you save it as an image file?

imageObj.save(‘filename.png’)

1. What module contains Pillow’s shape-drawing code?

ImageDraw

1. Image objects do not have drawing methods. What kind of object does? How do you get this kind of object?

Image object does the drawing methods by ImageDraw.Draw() function