1. What does RGBA stand for?

**Answer: Red Green Blue Alpha**

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

**Answer**

**from PIL import Image**

**img = Image.open('50\_1.jpg')**

**rgba = img.convert("RGBA")**

**datas = rgba.getdata()**

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

**Answer: Pilow is expecting a tuple of four integer coordinates that represent a rectangular region of an image. Left, Top, Right, Bottom.**

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

Answer:

**from PIL import Image**

**img = Image.open('50\_1.jpg')**

**width, height = img.size**

**print(f"width: {width},height : {height}")**

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

**from PIL import Image**

**im = Image.open(r"50\_1.jpg")**

**width, height = im.size**

**left = 0**

**top =0**

**right = width**

**bottom =height / 2**

**im1 = im.crop((left, top, right, bottom))**

**newsize = (100, 100)**

**im1 = im1.resize(newsize)**

**# Shows the image in image viewer**

**im1.show()**

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

**Img.save(“newimg.jpg”)**

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

**Answer : ImageDraw**

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

**Answer: We need to import ImageDraw module and have to create a object of it**

**from PIL import Image, ImageDraw**

**im = Image.open("50\_1.jpg")**

**draw = ImageDraw.Draw(im)**

**draw.line((0, 0) + im.size, fill=128)**

**draw.line((0, im.size[1], im.size[0], 0), fill=128)**

**im.show()**