1. What does RGBA stand for?

RGBA(Red-Green-Blue-Alpha)

The RGB color model is extended in this specification to include “alpha” to allow specification of the opacity of a color.

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

1. import the Image module from the Pillow library from PIL import Image.
2. Open any image and get the RAGBAG values. img = Image.open('image.png') rgba = img.convert(“RGBA”) ...
3. Change the color. Data will be an Imaging Core object containing thousands of tuples of RGBA values. ...
4. Store the changed image.

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

The box. tuple submodule provides read-only access for the tuple userdata type. It allows, for a single tuple: selective retrieval of the field contents, retrieval of information about size, iteration over all the fields, and conversion to a Lua table. Below is a list of all box.

The crop() method on Image objects takes a box tuple and returns an Image object representing the cropped image. The cropping does not happen in place—that is, the original Image object is left untouched, and the crop() method returns a new Image object.

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

open() is used to open the image and then . width and . height property of Image are used to get the height and width of the image

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

The crop() method on Image objects takes a box tuple and returns an Image object representing the cropped image

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

The PIL module is used for storing, processing, and displaying images in Python. To save images, we can use the PIL. save() function. This function is used to export an image to an external file.

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

ImageDraw module of the Python image processing library Pillow (PIL) provides many methods for drawing figures, such as circles, squares, and straight lines

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

The turtle module provides turtle graphics primitives, in both object-oriented and procedure-oriented ways