

1. What does RGBA stand for?

Sol. RGBA value is a tuple of 4 integers, each ranging from 0 to 255. The four integers correspond to the amount of red, green, blue, and alpha (transparency) in the color.

2. From the Pillow module, how do you get the RGBA value of 'CornflowerBlue'?

Sol. from PIL import Image, ImageColor

```
ImageColor.getcolor('CornflowerBlue', 'RGBA')
```

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

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

4. For an image file called zophie.png, what feature returns an Image object?

```
a=Image.open("zophie.png")
```

5. What is the way to determine the width and height of a Picture object's image?

Sol. from PIL import Image

```
image=Image.open("xyz.jpg")
```

```
image.size
```

6. How can you get an Image object for a 100x100 image that is missing the lower-left quarter?

Sol. `image.crop((0,50,50,50))`

#give input as a box tuple

7. How can you save an Image object as an image file after making adjustments to it?

Sol.

```
imageobj.save("newfilename.jpg")
```

8. In which module does Pillow's shape-drawing code reside?

Sol. ImageDraw module



9. Drawing methods are not available for image objects. What kind of thing does that? What's the best way to get this kind of thing?

Sol. ImageDraw module have shape-drawing methods such as point(), line(), or rectangle(). They are returned by passing the Image object to the ImageDraw.Draw() function.

