1. What does RGBA stand for?

In [ ]:

```
1  RGBA: Red Green Blue Alpha
```

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

In [ ]:

```
1  using getdata() method of image object
2
3  from PIL import Image
4  image=Image.open("image.jpg")
5  rgbadata=image.getdata()
6  print(rgbadata[0])
```

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

In [ ]:

```
1  According to Pillow Library  a box tuple refers to a tuple that represents a rectang
2
3  A box tuple will have four values: (left, upper, right, lower)
4
5  left: The x-coordinate of the leftmost edge of the box.
6  upper: The y-coordinate of the uppermost edge of the box.
7  right: The x-coordinate of the rightmost edge of the box.
8  lower: The y-coordinate of the lowermost edge of the box.
```

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

In [6]:

```
1  the width and height of an Image object is done using size atribute
2  from PIL import Image
3  image=Image.open("resume_photo.jpg")
4  print(image.size)
5
```

(814, 1280)

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

In [7]:

```
1  By using Crop method the lower,upper,right,lower values
2  from PIL import Image
3  image=Image.open("resume_photo.jpg")
4  image.crop((0,50,50,100))
5  image.show()
```

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

In [ ]:

```
1  using save method
2  from PIL import Image
3  image=Image.open("resume_photo.jpg")
4  image.save("newfile.jpg")
```

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

In [ ]:

```
1  ImageDraw contains Pillow's shape-drawing code
```

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

In [ ]:

```
1  ImageDraw.Draw() used to draw the objects
2  from PIL import Image
3  image=Image.open("resume_photo.jpg")
4  ImageDraw.Draw(image)
5
6
```