**Python – Assignment 14**

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| **S. No.** | **Question / Answer** |
| 1 | What does RGBA stand for? |
|  | R: Red component  G: Green component  B: Blue component  A: Alpha component, specifies the transparency  RGBA: tuple of 4 integers with values ranging between (0,255) |
| 2 | From the Pillow module, how do you get the RGBA value of any images? |
|  | ImageColor.getcolor(color, ‘RGBA’) |
| 3 | What is a box tuple, and how does it work? |
|  | Tuple of 4 integers specifying the origin and dimension of a box.  (X,Y,W,H)  X: x-coordinate of the left edge  Y: y-coordinate of the top edge  W: width of the box  H: height 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? |
|  | Img.size  Returns a tuple (width, height) |
| 5 | What method would you call to get Image object for a 100×100 image, excluding the lower-left quarter of it? |
|  | Img.crop((0,50,50,50))  A box tuple is passed to crop the bottom left quarter |
| 6 | After making changes to an Image object, how could you save it as an image file? |
|  | Img.save(‘image.png) |
| 7 | What module contains Pillow’s shape-drawing code? |
|  | ImageDraw |
| 8 | Image objects do not have drawing methods. What kind of object does? How do you get this kind of object? |
|  | ImageDraw objects have drawing methods (point(), line(), rectangle())  Pass Image obj to ImageDraw.Draw() |