1. In what modes should the PdfFileReader() and PdfFileWriter() File objects will be opened?

🡪 To open the PdfFileReader() file object we use read-binary(‘rb’) and for PdfFileWriter() file object we use write-binary(‘wb’) modes.

2. From a PdfFileReader object, how do you get a Page object for page 5?

🡪 Calling getPage(4) will return a Page object for page 5, since page 0 is the first page.

3. What PdfFileReader variable stores the number of pages in the PDF document?

🡪 The numPages variable stores an integer of the number of pages in the PdfFileReader object.

4. If a PdfFileReader object’s PDF is encrypted with the password swordfish, what must you do before you can obtain Page objects from it?

🡪 If a PdfFileReader object’s PDF is encrypted with the password swordfish, we must decrypt it by using-

decrypt(‘swordfish’)

5. What methods do you use to rotate a page?

🡪 We use rotateClockwise(90) method to rotate a page 90 degree clockwise.

6. What is the difference between a Run object and a Paragraph object?

🡪 A document contains multiple paragraphs. A paragraph begins on a new line and contains multiple runs. Runs are contiguous groups of characters (text) with the same style within the paragraph.

7. How do you obtain a list of Paragraph objects for a Document object that’s stored in a variable named doc?

🡪 List of Paragraph objects for a Document object that’s stored in a variable named doc can be obtained by-

list\_of\_para = []

for para in doc.paragraphs:

list\_of\_para.append(para)

8. What type of object has bold, underline, italic, strike, and outline variables?

🡪 Run object has bold, underline, italic, strike, and outline variables.

9. What is the difference between False, True, and None for the bold variable?

🡪The difference between False, True, and None for the bold variable is-

* False- The bold variable is disabled. Thus the text appears to run’s default style.
* True- The bold variable is always enabled. Hence the text appears bold no matter what other styles are applied to the run
* None- set to default, that is, whatever run’s style is set, same will be applied.

10. How do you create a Document object for a new Word document?

🡪 A document object for a new word document is created as-

import docx

doc = docx.Document()

11. How do you add a paragraph with the text 'Hello, there!' to a Document object stored in a variable named doc?

🡪 To add a paragraph with the text 'Hello, there!' to a Document object stored in a variable named doc we can do the following-

doc.add\_paragraph(“Hello, there!”)

doc.save(“absolute file path with file name”)

To write paragraphs, you can use the add\_paragraph() method of the Document class object. Once you have added a paragraph, you will need to call the save() method on the Document class object. The path of the file to which you want to write your paragraph is passed as a parameter to the save() method. If the file doesn't already exist, a new file will be created, otherwise the paragraph will be appended at the end of the existing MS Word file.

12. What integers represent the levels of headings available in Word documents?

🡪 The integers 0,1,2,3, and 4 represent the levels of headings available in Word documents.