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

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

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

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?

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

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

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

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

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

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

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

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

Answers:

1. The PdfFileReader() File object should be opened in read-binary mode ('rb'), while the PdfFileWriter() File object should be opened in write-binary mode ('wb').
2. To get a Page object for page 5 from a PdfFileReader object, you can use the following code:

page\_five = pdf\_reader.getPage(4)

Note that the page numbering is 0-indexed, so page 5 corresponds to index 4.

1. The PdfFileReader object's numPages variable stores the number of pages in the PDF document.
2. Before obtaining Page objects from an encrypted PDF with the password "swordfish", you must first call the decrypt() method of the PdfFileReader object, passing the password as an argument. For example:

pdf\_reader.decrypt('swordfish')

1. To rotate a page in a PDF, you can use the rotateClockwise() and rotateCounterClockwise() methods of a Page object. For example:

page.rotateClockwise(90)

1. A Run object represents a contiguous run of text with the same formatting, while a Paragraph object represents a block of text that may contain multiple runs.
2. To obtain a list of Paragraph objects for a Document object stored in a variable named doc, you can use the following code:

paragraphs = doc.paragraphs

1. A Run object has bold, underline, italic, strike, and outline variables.
2. The bold variable can be set to True to make the text bold, False to make it regular, or None to inherit the bold formatting from the style.
3. To create a Document object for a new Word document, you can use the following code:

from docx import Document doc = Document()

1. To add a paragraph with the text 'Hello, there!' to a Document object stored in a variable named doc, you can use the following code:

doc.add\_paragraph('Hello, there!')

1. The levels of headings available in Word documents are represented by the integers 0 to 8, where 0 is the title style and 1-8 are the heading styles.