

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

**Ans:** PdfFileReader() should be opened in rb (read binary mode) and PdfFileWriter() file objects should be opened in wb (write binary mode).

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

**Ans:** getPage(4)

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

**Ans:** numPages 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?

**Ans:** Run isEncrypted on the Pdf to check if it is encrypted. If it returns True, use decrypt() to try to read the contents of the pdf, else PyPDF2 will raise the following error

PyPDF2.utils.PdfReadError: file has not been decrypted

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

**Ans:** rotateClockWise() or rotateCounterClockWise()

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

**Ans:** The Document object contains a list of Paragraph objects for the paragraphs in the document and every Paragraph object contains a list of one or more Run objects. A Run object is a continuous run of text with the same style.

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

**Ans:** doc.paragraphs

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

**Ans:** Run object

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

**Ans:**

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

**Ans:**

```
In [16]: 1 from docx import Document
          2 doc = Document()
          3 doc.save('document.docx')
```

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

**Ans:**

```
In [15]: 1 from docx import Document
          2 doc = Document()
          3 doc.add_paragraph('Hello, there!')
          4 doc.save('hello.docx')
```

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

**Ans:** 5 levels 0-4, where level 0 makes a headline with the horizontal line below the text, level 1 is the main heading, etc.