1. In what modes should the PdfFileReader() and PdfFileWriter() File objects will be opened?  
🡪 Files will be opened in binary mode. read binary for PdfFileREader() and write binary PdfFileWriter()

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

🡪 If we call getPage(4) it 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?

🡪 Number of pages in the document is stored in the numPages attribute of a 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?

🡪 the pdf has to be decrypted by calling .decrypt('swordfish'), before you obtain the page object.

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

🡪 The rotateClockwise() and rotateCounterClockwise() methods are used to rotate a page, the degree to rotate is passed as int argument.

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

🡪

|  |  |
| --- | --- |
| Paragraph Object | Run Object |
| A document contains multiple paragraphs. A paragraph begins on a new line and contains multiple runs.  The Document object contains a list of Paragraph objects for the paragraphs in the document. | Runs are contiguous groups of characters within a paragraph 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?

🡪 By using doc.paragraphs

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

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

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

🡪 True - the attribute is always enabled, no matter what other styles are applied to the run

False - the attribute is always disabled

None - defaults to whatever the run’s style is set to

10. How do you create a Document object for a new Word document?  
🡪 By Calling the docx.Document() function.

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

🡪 doc.add\_paragraph('Hello there!')

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

🡪 The integer 0 to 4  
The arguments to add\_heading() are a string of the heading text and an integer from 0 to 4. The integer 0 makes the heading the Title style, which is used for the top of the document. Integers 1 to 4 are for various heading levels, with 1 being the main heading and 4 the lowest subheading