1. In what modes should the PdfFileReader() and PdfFileWriter() File objects will be opened?
   1. PdfFileReader() should use files opened in 'rb' mode.
   2. PdfFileWriter() should use files opened in 'wb' mode.
2. From a PdfFileReader object, how do you get a Page object for page 5?
   1. page\_number = 4 # Page numbers are zero-indexed
   2. page = reader.getPage(page\_number)
3. What PdfFileReader variable stores the number of pages in the PDF document?
   1. You can use numPages to determine how many pages are in the PDF document, which is useful for iterating over pages or performing operations that depend on the total page count.
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?
   1. if reader.isEncrypted:

reader.decrypt('swordfish')

page = reader.getPage(0) # Example: Get Page object for the first page (index 0)

1. What methods do you use to rotate a page?
   1. use either rotateClockwise() or rotateCounterClockwise() on the Page object to rotate it, and add it to the PdfFileWriter object.
2. What is the difference between a Run object and a Paragraph object?
   1. Structure: Paragraphs encapsulate entire blocks of text, while Runs handle formatting variations within those blocks.
   2. Role: Paragraphs define the main structural units of text, and Runs handle the finer details of text formatting.
   3. Manipulation: When working with document content using python-docx, you typically manipulate paragraphs for overall structure and runs for detailed text formatting adjustments.
3. How do you obtain a list of Paragraph objects for a Document object that’s stored in a variable named doc?
   1. paragraphs = doc.paragraphs
      1. for paragraph in paragraphs:
         1. print(paragraph.text)
4. What type of object has bold, underline, italic, strike, and outline variables?
   1. The type of object that typically has attributes like bold, underline, italic, strike, and outline would be a Run object in the python-docx libra
5. What is the difference between False, True, and None for the bold variable?
   1. False:
      1. When bold is set to False, it means that the text is not formatted as bold.
   2. True:
      1. When bold is set to True, it means that the text is formatted as bold.
   3. None:
      1. The value None for the bold attribute has specific implications in python-docx:
      2. If bold is None, it means that the text inherits its bold formatting from the style hierarchy or defaults defined elsewhere (such as in a document template or style settings).
      3. It does not explicitly set the text to bold or non-bold; rather, it allows the text to inherit its bold formatting based on higher-level style definitions.
6. How do you create a Document object for a new Word document?
   1. from docx import Document
   2. doc = Document()
7. How do you add a paragraph with the text 'Hello, there!' to a Document object stored in a variable named doc?
   1. doc.add\_paragraph('Hello, there!')
8. What integers represent the levels of headings available in Word documents?
   1. Heading 1 is represented by the integer 1.
   2. Heading 2 is represented by the integer 2.
   3. Heading 3 is represented by the integer 3.
   4. And so on, up to Heading 9, represented by the integer 9