**ASSIGNMENT-12**

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

**ANS**. PdfFileReader() needs to be opened in **read-binary mode** by passing 'rb' as the second argument to open(). Likewise, the File object passed to PyPDF2. PdfFileWriter() needs to be opened in write-binary mode with 'wb'.

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

**Ans.** To extract text from a page, you need to get a Page object, which represents a single page of a PDF, from a PdfFileReader object. You can get a Page object by **calling the getPage() method ➋ on a PdfFileReader object and passing it the page number of the page you're interested in**—in our case, 0.

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

**Ans.** The total number of pages in the document is stored in the **numPages attribute** of a PdfFileReader object .

1. **What methods do you use to rotate a page?**

**Ans.** import PyPDF2.

pdf\_in = open('original.pdf', 'rb')

pdf\_reader = PyPDF2. PdfFileReader(pdf\_in)

pdf\_writer = PyPDF2. PdfFileWriter()

for pagenum in range(pdf\_reader. numPages):

page = pdf\_reader. getPage(pagenum)

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

**Ans.** Each Paragraph object also has a runs attribute that is a list of Run object**s**. Run objects also have a text attribute, containing just the text in that particular run. Let's look at the text attributes in the second Paragraph object, 'A plain paragraph with some bold and some italic' .

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

**Ans. mport** PyPDF2 **as** pdf

pdfFileObj **=** open("cardealer.pdf",'rb')

pdfReader **=** pdf**.**PdfFileReader(pdfFileObj)

pageObj **=** pdfReader**.**getPage(4)

pageObj**.**extractText()

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

**Ans.** True and False are specific bool values. Use default False when you have a bool field and you want the default to be False. Don't use False as a value for a non- bool field. None is used as a generic placeholder when the value will be set later.