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| Training Supervised by: | **SURYA** |
| Training Task #: | **Assignment 06042019** |
| Training Resource Materials: | <https://www.vogella.com/tutorials/JavaPDF/article.html> |
| Training Task Date: | **06/04/2019** |
| Task Due Date: | **06/04/2019** |
| Task Submitted Date: | **06/05/2019** |
| Github link: | <https://github.com/NightFury546/Egiants-Assignments/tree/master/JavaPdfCreationDemo> |
| Technologies used for Training | **Itext-core , ItextPdf, Java** |

**Task Description/Requirement:**

To Create a PDF using the Java and IText.

**High Level Synopsis:**

This Task is about to create a PDF using java and IText library. There are 3 major parts of the assignment.

1. Create a PDF using java code.
2. Change the position and alignments in the PDF using java code.
3. Read the PDF and use that PDF using java code.
4. The FirstPdf.java

This java file is to create a PDF using the IText inbuilt methods.

This Java Class contains I used below methods which will create a pdf and add meta data, title page, contents, create table and empty line.

**private** **static** **void** addMetaData(Document document)

**private** **static** **void** addTitlePage(Document document)

**private** **static** **void** addContent(Document document)

**private** **static** **void** createTable

**private** **static** **void** createList

**private** **static** **void** addEmptyLine

In Each method, I leverage the Itext predefined methods to such as

document.addTitle("My First PDF Created Succesfully"); //to add Title

document.addSubject("Using iText"); // to add subject

document.addKeywords("Java, PDF, iText"); // to add key words

document.addAuthor("Manoj Kumar Yekollu"); // to add Author PDF

document.addCreator("Manoj Kumar Yekollu"); // to add creator of PDF

1. Position.java

This Java class is used to position the pdf such as alignments and add Indentations.

I used the below predefined methods of IText to do those operators.

paragraph.setAlignment(Element.***ALIGN\_LEFT***); // to left align the text

paragraph.setIndentationLeft(50); // to add the left indentation atposition 50

1. ReadAndUse.java

This Java class is used to read from given pdf and to write the read part of Pdf by creating another new pdf.

Here the program will take input as pdf from the given store location [INPUTFILE].

And write the read part to another new PDF and saved in the OUTPUTFILE location.

**private** **static** String *INPUTFILE* = "E:/Projects/src/Egiants-Assignments/JavaPdfCreationDemo/Docs/FirstPdf.pdf";

**private** **static** String *OUTPUTFILE* = "E:/Projects/src/Egiants-Assignments/JavaPdfCreationDemo/Docs/ReadPdf.pdf";

Using the below code the cursor Iterate the entire pdf letter by letter. And based on the given condition only if the read content is from page 2 that will be written in outputfile.

**int** n = reader.getNumberOfPages();

PdfImportedPage page;

// Go through all pages

**for** (**int** i = 1; i <= n; i++) {

// only page number 2 will be included

**if** (i == 2) {

page = writer.getImportedPage(reader, i);

Image instance = Image.*getInstance*(page);

document.add(instance);

}

}

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**Manoj Kumar Yekollu**

**Output:**

Machine generated alternative text:
FirstPdf.pdf - Adobe Acrobat Reader DC 
Eile Edit View Window Help 
Home Tools 
FirstPdf.pdf 
ReadPdf.pdf 
PositionPdf.pdf 
O 
E-giants Assignments 
Report generated by: manoj, Wed Jun 05 16:39:56 EDT 2019 
Assignment 06/04/2019 
104% 
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Machine generated alternative text:
ReadPdf.pdf Adobe Acrobat Reader DC 
Eile Edit View Window Help 
Home Tools 
FirstPdf.pdf 
ReadPdf.pdf 
1. First Chapter 
1.1. Subcategory 1 
Hello 
1.2. Subcategory 2 
Paragraph 1 
Paragraph 2 
Paragraph 3 
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2.Second point 
3. Third point 
Table Header 1 
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Table Header 2 
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Search tools 
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ReadPdf.pdf 
PositionPdf.pdf 
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This is right aligned text 
This is centered text 
This is left aligned text 
This is left aligned text with indentation 
o 
Type here to search 
x 
A Sign In 
L!] Share 
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