My LaTeX Document with Outlines

Your Name

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1 Adding Outlines

In this document, we will add outlines using the PyPDF2 library.

2 Installing PyPDF2

Before we proceed, make sure you have PyPDF2 installed. You can install it using the following command:

```
pip install PyPDF2
```

3 Using `add_outline_item`

To add outlines to the document, we will use the `add_outline_item` method from the PyPDF2 library.

4 Viewing Outlines

After adding outlines, you will see the table of contents (outlines or bookmarks) in the left sidebar.

5 All Set!

You've successfully added outlines to your document.

6 Useful commands

If we have the following text, awk is useful.

```
cat t.txt
1 Adding Outlines 2
2 Installing PyPDF2 3
3 Using add outline item 4
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5 All Set! 6
6 section 8 7
7 section 9 8
8 section 10 9
9 section 11 10
10 section 12 11
11 section 13 12
12 section 14 13
13 section 15 14
14 section 16 15
15 section 17 16
16 section 18 17
17 section 19 18
18 section 20 19
19 section 21 20
20 section 22 21
21 section 23 22
22 section 24 23
23 section 25 24
24 section 26 25
25 section 27 26
26 section 28 27
27 section 29 28
28 section 30 29
29 Conclusion 30

awk '{printf "(\"" ; for(i=1; i<=NF-1; i++) printf $i " "; print "\", " $NF ",),"}' t.txt
```

7 awk output

```
("1 Adding Outlines ", 2,),
("2 Installing PyPDF2 ", 3,),
("3 Using add outline item ", 4,),
("4 Viewing Outlines ", 5,),
("5 All Set! ", 6,),
("6 section 8 ", 7,),
("7 section 9 ", 8,),
("8 section 10 ", 9,),
("9 section 11 ", 10,),
("10 section 12 ", 11,),
("11 section 13 ", 12,),
("12 section 14 ", 13,),
("13 section 15 ", 14,),
("14 section 16 ", 15,),
("15 section 17 ", 16,),
("16 section 18 ", 17,),
("17 section 19 ", 18,),
("18 section 20 ", 19,),
("19 section 21 ", 20,),
("20 section 22 ", 21,),
("21 section 23 ", 22,),
("22 section 24 ", 23,),
("23 section 25 ", 24,),
("24 section 26 ", 25,),
("25 section 27 ", 26,),
("26 section 28 ", 27,),
("27 section 29 ", 28,),
("28 section 30 ", 29,),
("29 Conclusion ", 30,),
```

8 section 10

Page 10 content goes here.

9 section 11

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10 section 12

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11 section 13

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12 section 14

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28 section 30

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29 Conclusion

In conclusion, LaTeX is a powerful typesetting system.