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...

**Sandeep Suryaprasad** testing

Latest commit a868eb3 on 29 Nov 2021

[History](#)[0](#) contributors

53 lines (40 sloc) | 1.33 KB

[Raw](#)[Blame](#)

```
1 # Python evaluates below conditions to False
2
3 """
4 1. Any Empty String in Python always evaluates to Boolean False.
5 A non-empty string or a string with atleast one character evaluates to boolea
6
7 2. Any Empty list in python always evaluates to Boolean False.
8 A Non-Empty list or a list with atleast one item evaluates to Boolean True
9
10 3. An Integer Zero in python evaluates to Boolean False
11 and any number other than zero, it evaluates to Bool True.
12
13 4. An Empty Dictionary evaluates to Bool False
14 and a Dictionary with atleast one key:value pair evaluates to Bool True.
15
16 5. An Empty Tuple evaluates to Bool False
17 and a Tuple with atleast one element evaluates to Bool True.
18
19 6. An Empty set() evaluates to Bool False
20 and a set() with atleast one element evaluates to Bool True
21
22 7. None evalutes to Bool False.
23
24 8. Bool True evaluates to True and False evaluates to False
25 """
26 # Lists
```

```
27 words = ['apple', 'google', 'yahoo', 'gmail']
28
29 # Iterate over the list only if the list has atleast 1 item.
30 if len(words) > 0:
31     for word in words:
32         print(word)
33 else:
34     print('List is Empty')
35
36
37 if words:
38     for word in words:
39         print(word)
40 else:
41     print('List is Empty')
42
43 # Strings
44 line = "          "
45 if len(line.strip()) > 0:
46     print(line[0])
47 else:
48     print('Got Empty String')
49
50 if line.strip():
51     print(line[0])
52 else:
53     print('Got Empty String')
```