▾ Notebook used in DS-talk 10/13/2021

```
1 txt1 = 'The Radical Left Democrats will never be satisfied with anything we give them. The
```

```
1 len(txt1)
```

```
    116
```

```
1 txt2 = txt1.split(' ');
2 txt2
```

```
    ['The',
     'Radical',
     'Left',
     'Democrats',
     'will',
     'never',
     'be',
     'satisfied',
     'with',
     'anything',
     'we',
     'give',
     'them.',
     'They',
     'will',
     'always',
     'Resist',
     'and',
     'Obstruct!']
```

```
1 [w for w in txt2 if len(w) > 3]
```

```
    ['Radical',
     'Left',
     'Democrats',
     'will',
     'never',
     'satisfied',
     'with',
     'anything',
     'give',
     'them.',
     'They',
     'will',
     'always',
     'Resist',
     'Obstruct!']
```

```
1 [w for w in txt2 if w.istitle()]
```

```
['The', 'Radical', 'Left', 'Democrats', 'They', 'Resist', 'Obstruct!']
```

```
1 # Find words which ends with 's':
2 [w for w in txt2 if w.endswith('s')]
```

```
['Democrats', 'always']
```

```
1 txt3 = 'To be or not to be'
2 txt4 = txt3.split(' ')
3 txt4
```

```
['To', 'be', 'or', 'not', 'to', 'be']
```

```
1 len(set(txt4))
```

```
5
```

```
1 set(txt4)
```

```
{'To', 'be', 'not', 'or', 'to'}
```

```
1 set([w.lower() for w in txt4])
```

```
{'be', 'not', 'or', 'to'}
```

```
1 txt5 = 'ouagadougou'
2 txt6 = txt5.split('ou')
3 txt6
```

```
['', 'agad', 'g', '']
```

```
1 list(txt5)
```

```
['o', 'u', 'a', 'g', 'a', 'd', 'o', 'u', 'g', 'o', 'u']
```

```
1 [c for c in txt5]
```

```
['o', 'u', 'a', 'g', 'a', 'd', 'o', 'u', 'g', 'o', 'u']
```

```
1 txt8 = '    A quick brown fox jumped over the lazy dog. '
```

```
1 txt8.split('·')
```

```
['',
```

```
     '',
     '\t',
     'A',
     'quick',
     'brown',
     'fox',
     'jumped',
     'over',
     'the',
     'lazy',
     'dog.',
     '']
```

```
1 txt8.strip()
```

```
'A quick brown fox jumped over the lazy dog.'
```

```
1 txt9 = txt8.strip()
```

```
1 txt9.find('o')
```

```
10
```

```
1 # Where in the text is the last occurrence of the string?
2 # string.rfind(value, start, end)
3 txt9.rfind('o')
```

```
40
```

```
1 txt9.replace('o', 'O')
2 txt9
```

```
'A quick brown fox jumped over the lazy dog.'
```

```
1
```

Double-click (or enter) to edit

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