

PYTHON CHEAT-SHEET

1/ NLTK stop word:

```
from nltk.corpus import stopwords

# get english stop words
sw = stopwords.words('english')
```

2/ Split a word to each characters:

```
def splitter(word):
    return [char for char in word]
```

3/ Read file as a single string:

```
with open(path, encoding="utf8") as f:
    book = f.read().strip()
```

5/ Sum of all values in a dict.:

```
sum(dict.values())
```

4/ Make unique word list with frequency:

```
def uniq_word_with_freq(words):
    dict = {}

    for word in words:
        if word in dict:
            dict[word] += 1
        else:
            dict[word] = 1
    return dict
```

6/ Lambda function:

```
x = lambda a, b: a * b
print(x(5, 6))
```

7/ print top 10 data of a DF:

```
df2.head(10).to_string(index=False)
```

8/ Get the value of 2nd dataframe wrt to the col1 column of 1st df:

```
val = df1.col1[df1.col1 == df2['col1'].iloc[d]]
```

9/ Test an function with output:

```
assert(fun_name(words) == value)
```

10/ Radian to degree:

```
math.degrees(math.acos(rad))
```