List Comprehension

```
list = [x for x in list_variable/range(n) if/else
statement]
from collec tions import Counter
counter = counte r(A not her List)
counte r.m ost _co mmo n[:0][n[0] # get the n most
occurated value in the list
max(List) # get the max value
set(Hu geList) # remove duplicate values
```

Map Function

```
# Useful instead of for loop, returns a map object
-> need to transform as a list
map(fu nction, iterable, [iterable 2, iterable 3,
...]) # General expression
mapped _nu mbers = list(m ap( lambda x: x * 2 + 3,
numbers)) # Exemple
```

Dictionnaries

```
dict1.update(dict2) # merge the 2 dictionnaries
together
dict3 = {**dict1, **dict2} # Merge the 2 dictio -
nnaries into a 3rd one
dict3 = dict1 | dict2 # also work
dict3 = dict(d ict 1.i tems() | dict2.i te ms()) #
merge the 2 dictio nnaries together randomly
```

Lambda expression

```
myFunction = lambda x/*args: DoSomethingWithArgs
```

Join Function

```
variable = " ".join(YourList)
```