

### List Comprehension

```
list = [x for x in list_variable/range(n) if/else statement]

from collections import Counter
counter = Counter(A not her List)
counter.most_common(r[0][r]) # get the n most occured value in the list
max(List) # get the max value
set(Hu geList) # remove duplicate values
```

### Lambda expression

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

### Join Function

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

### Map Function

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

### Dictionnaires

```
dict1.update(dict2) # merge the 2 dictionnaires together
dict3 = {**dict1, **dict2} # Merge the 2 dictio - nnaries into a 3rd one
dict3 = dict1 | dict2 # also work
dict3 = dict(dict1.items() | dict2.items()) # merge the 2 dictio nnaries together randomly
```



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