

Rappels de syntaxe des dictionnaires :

Definition d'un dictionnaire

```
D = {}
```

```
D = dict()
```

```
D = {'pomme':30, 'poire':22}
```

Modification d'un dictionnaire

```
D['pomme'] = 10 → Mise a jour
```

```
D['cerise'] = 20 → Ajout nouvelle cle
```

```
del(D['pomme']) → Suppression cle  
« pomme » (avec valeur bien sur)
```

```
D.clear() → Suppression de toutes les  
cles et renvoi d'un dictionnaire vide
```

Divers

```
len({'pomme':30, 'poire':22, 'banane':12}) → 3
```

```
{ 'pomme':12, 'poire':30 } == { 'poire':30, 'pomme':12 } → True
```

```
'pomme' in { 'pomme':12, 'poire':30 } → True
```

```
30 in { 'pomme':12, 'poire':30 } → False
```

Parcours d'un dictionnaire

```
for cle in D:
```

```
    print(cle)
```

```
        pomme
```

```
        poire
```

```
for cle in D.keys(): → meme chose
```

```
for val in D.values():
```

```
    print(val)
```

```
        30
```

```
        22
```

```
        12
```

```
for elem in D.items():
```

```
    print(elem)
```

```
        (pomme, 30)
```

```
        (poire, 22)
```

```
for cle, val in D.items():
```

```
    print(cle, ' = ', val)
```

```
        pomme = 30
```

```
        poire = 22
```