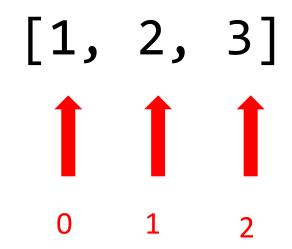
CHAPTER 6

DICTIONARRY

Example of code with duplicated values in array

A array provide a VALUE from an INDEX



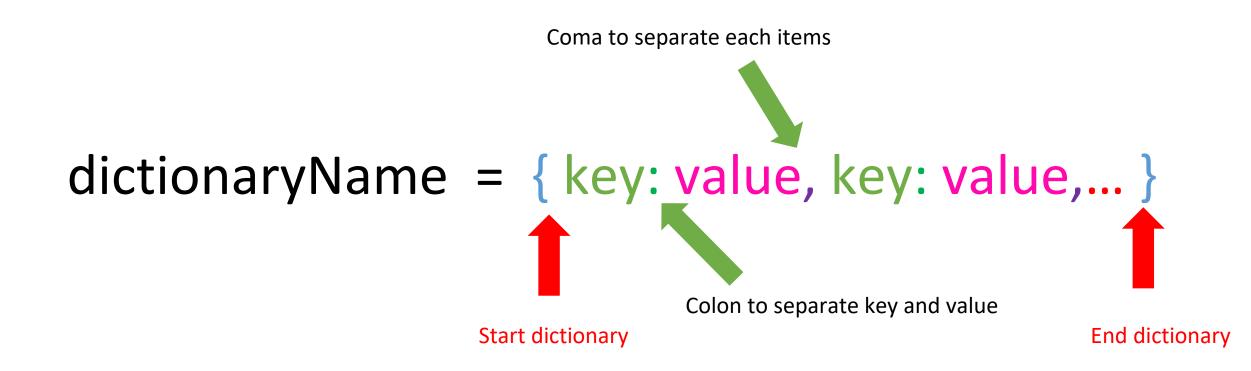
INDEX:

A Dictionary provide a VALUE from a KEY

```
a = { "cambodia": 17, "thailand" : 30, "france" : 45 }
print(a["cambodia"] )
```



1- Let's <u>define</u> an dictionary!



What this code will print?

```
countries = {
   "khmer": 17,
   "thai" : 30,
   "vietnam": 50
}
print(countries["khmer"])
```

2- Adding New Items

```
studentsAge = { }
```

1 studentsAge['sokan'] = 25

```
{'sokan': 25 }
```

2- Adding New Items

```
studentsAge = { }
studentsAge['sokan'] = 25
```

2 studentsAge['seiha'] = 95

2- Adding New Items

```
studentsAge = { }

studentsAge['sokan'] = 25

studentsAge['seiha'] = 95
```

```
Each key !
```

```
3 studentsAge['sokan'] = 35
```

```
'sokan': 35,
'seiha': 95,
}
```

```
menu = {}
menu["MONDAY"] = "rice"
menu["TUESDAY"] = "noodles"
menu["MONDAY"] = "soup"

print(menu["MONDAY"] )
```

Example of code with dictionary

3- Loop on dictionary using keys

```
food = {
   "name": "Bay Char",
   "price": 1000
}
```

```
for key in food:
   print(key)
```



name price

```
for key in food:
   print(food[key])
```



Bay Char 1000

4- Remove Items

```
studentsAge = { }
```

4- Remove Items

```
studentsAge = { }
studentsAge['sokan'] = 25
```