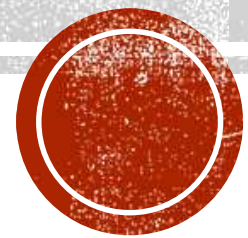
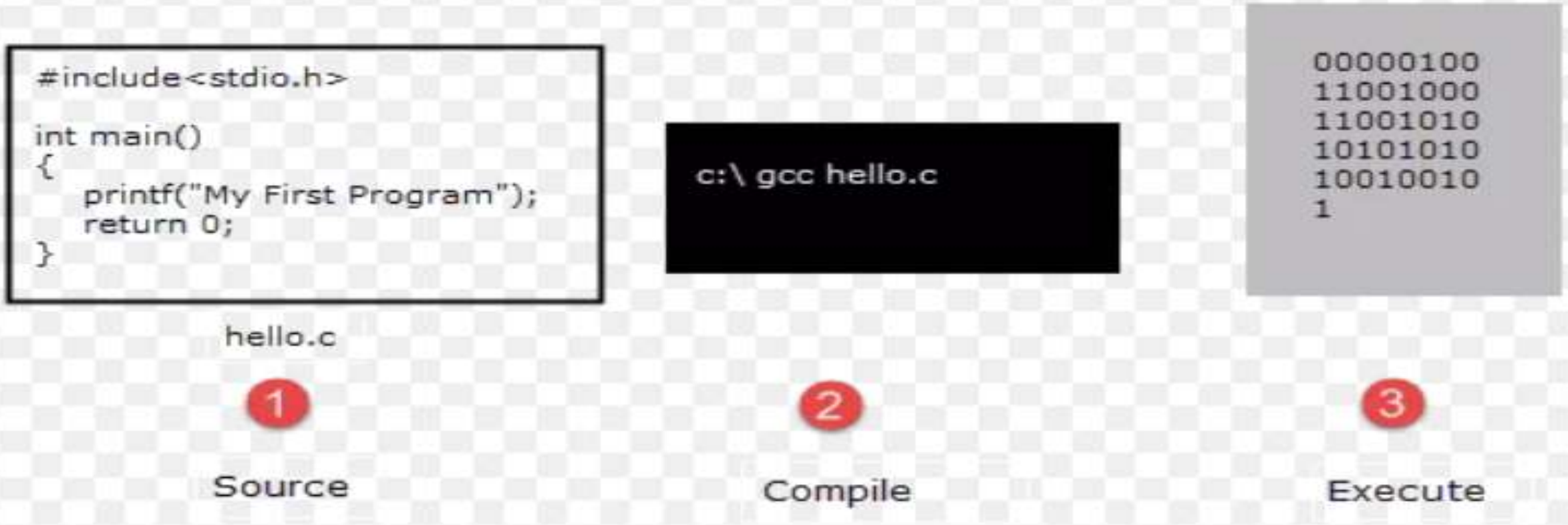
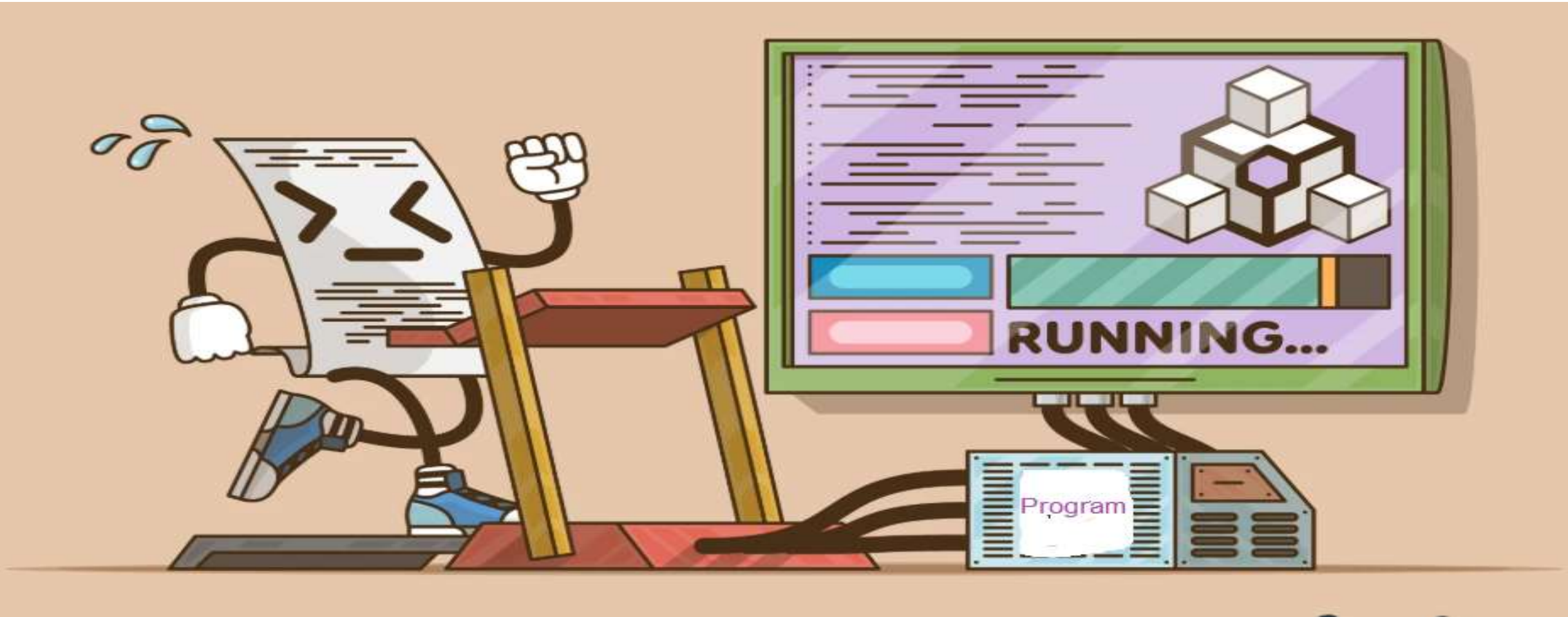
PYTHON BASICS



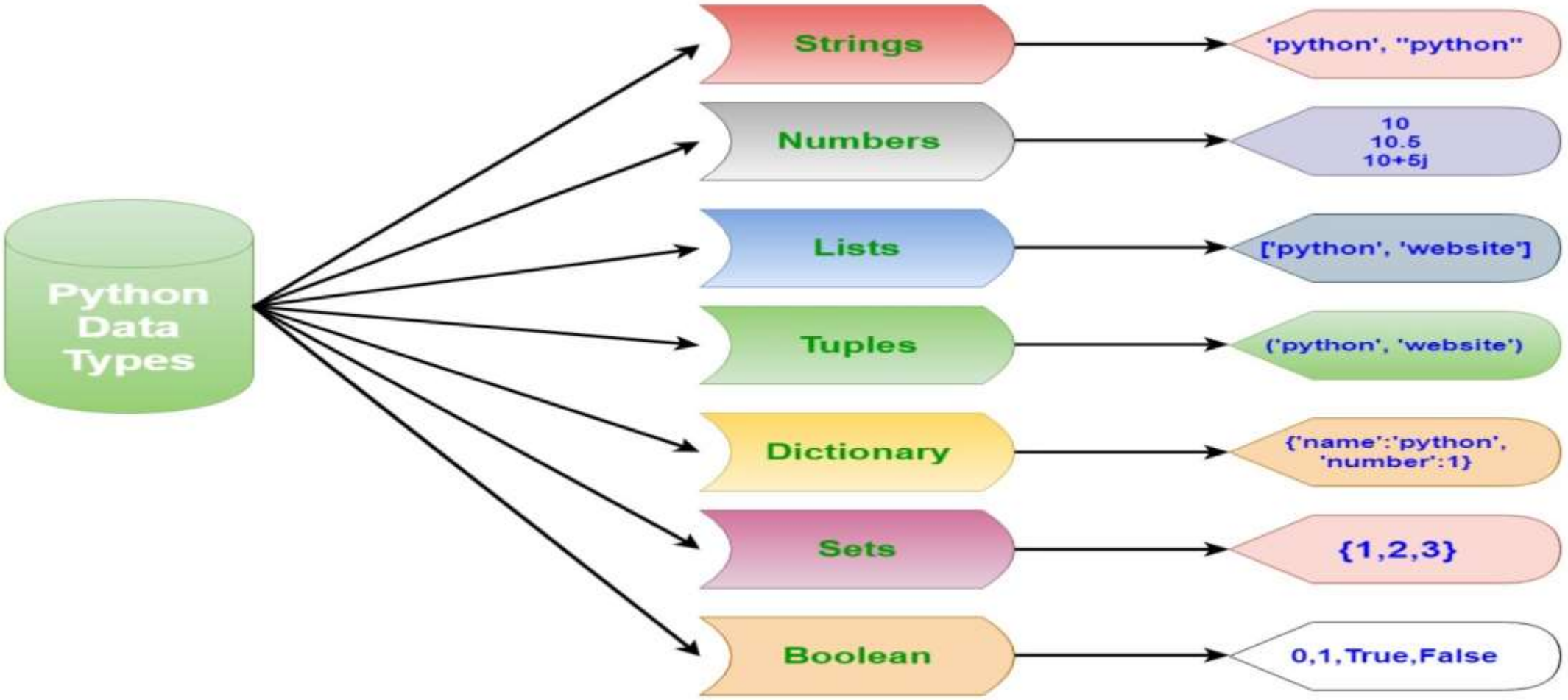
PROGRAM COMPILE



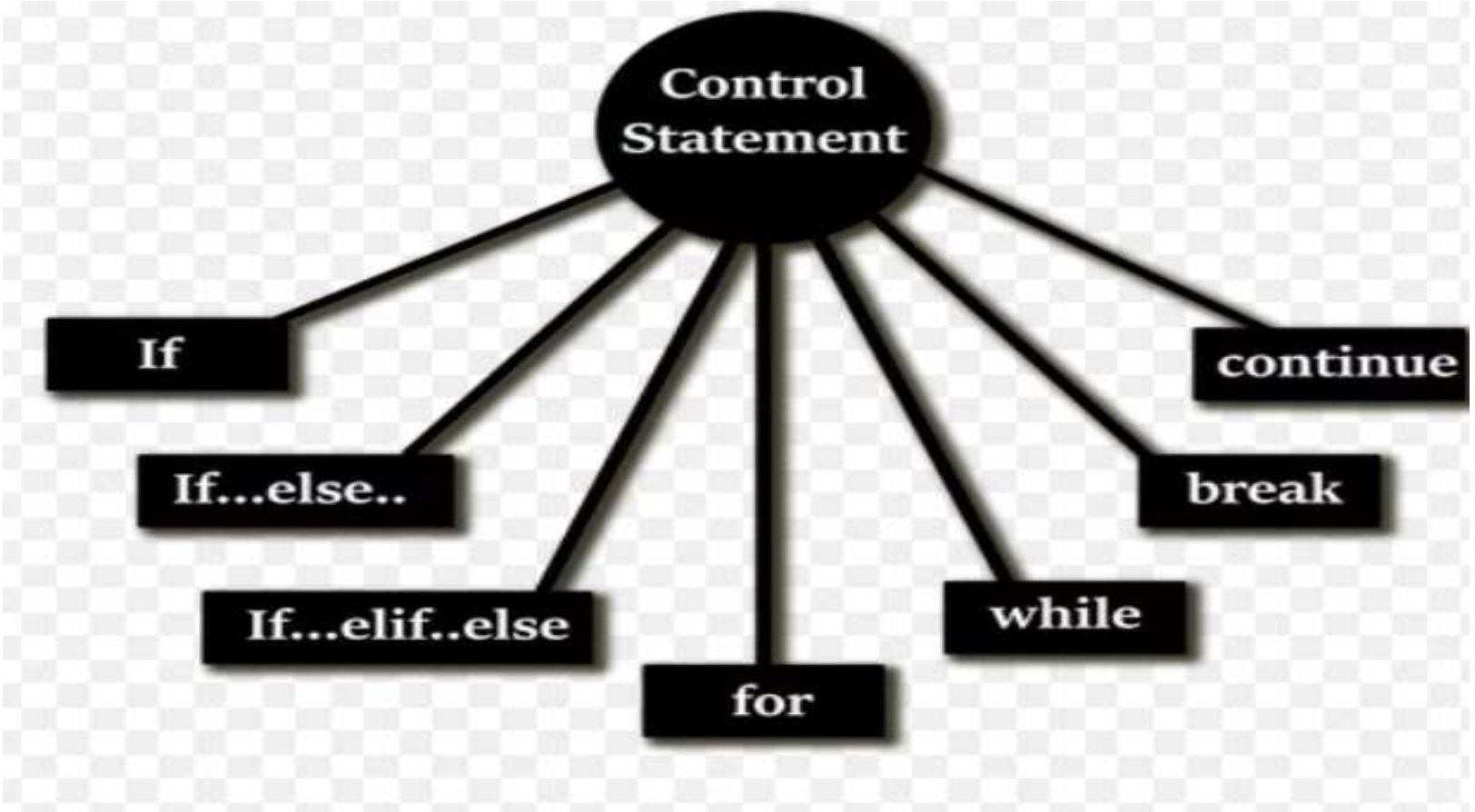
PROGRAM EXECUTION



PYTHON DATA TYPES



PYTHON STATEMENS



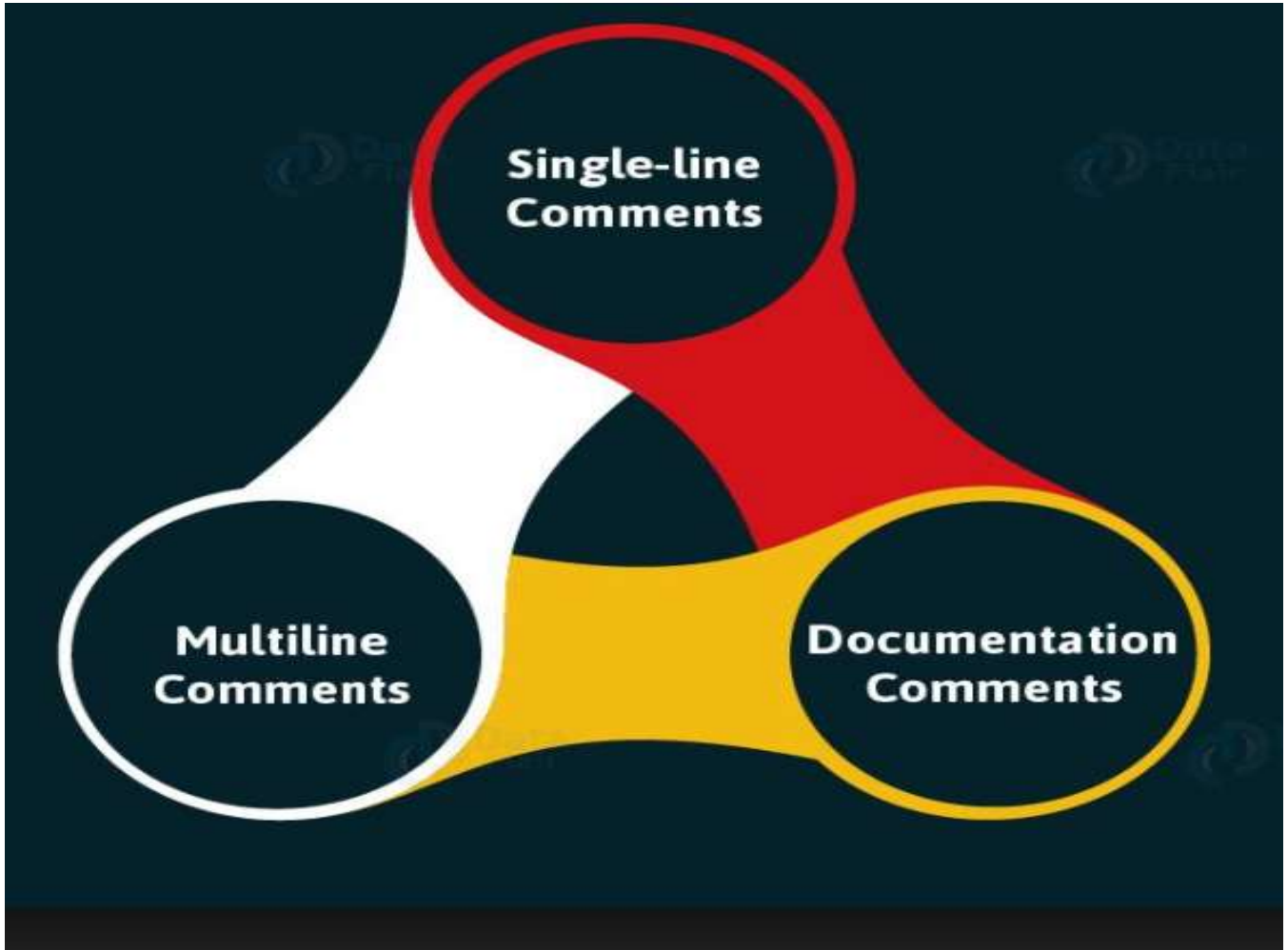
PYTHON INDENTATION

INDENTATION EXAMPLE

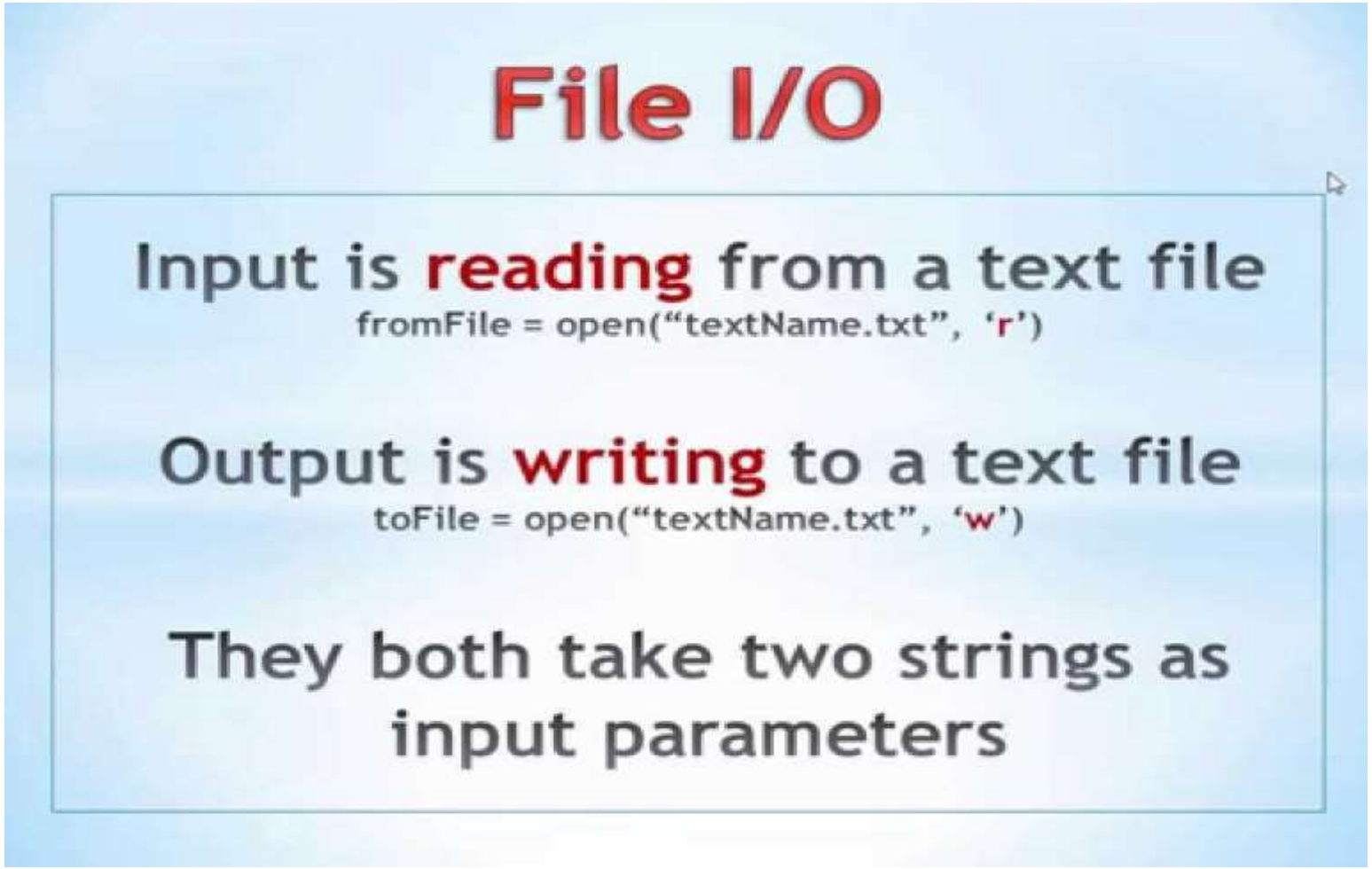
```
1
2  for item in range(10):
3      print('I')
4      print('am')
5      print('a')
6      if item % 2 == 0:
7          print('funny')
8          print('and')
9          print('silly')
10     else:
11         print('dull')
12         print('and')
13         print('serious')
14     print('block')
15     print('used')
16     print('as')
17     print('example.')
18
19
20
21
```

LOOPS

TYPES OF COMMENTS



FILE INPUT & OUTPUT



PYTHON LIST EXAMPLE

```
z = [3, 7, 4, 2]
```

```
z[1] = "fish"
```

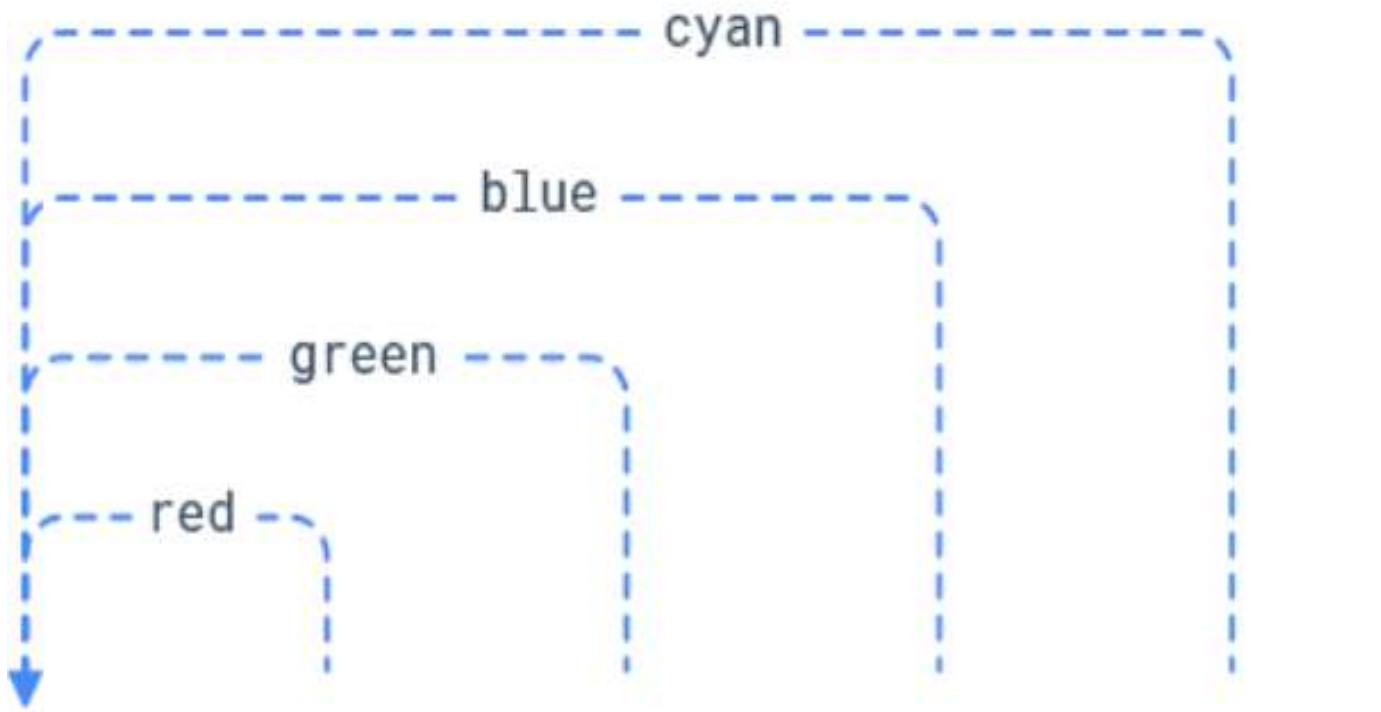
```
print(z)
```

```
[3, 'fish', 4, 2]
```

PYTHON LIST


Creating lists
Accessing lists
Slicing lists
Reassigning lists(mutable)
Deleting elements
Multidimensional Lists
Python
Lists
Concatenation of Lists
Operations on Lists
Iterating on a list
List Comprehension
Built-in Functions
Built-in Methods

PYTHON TUPLE

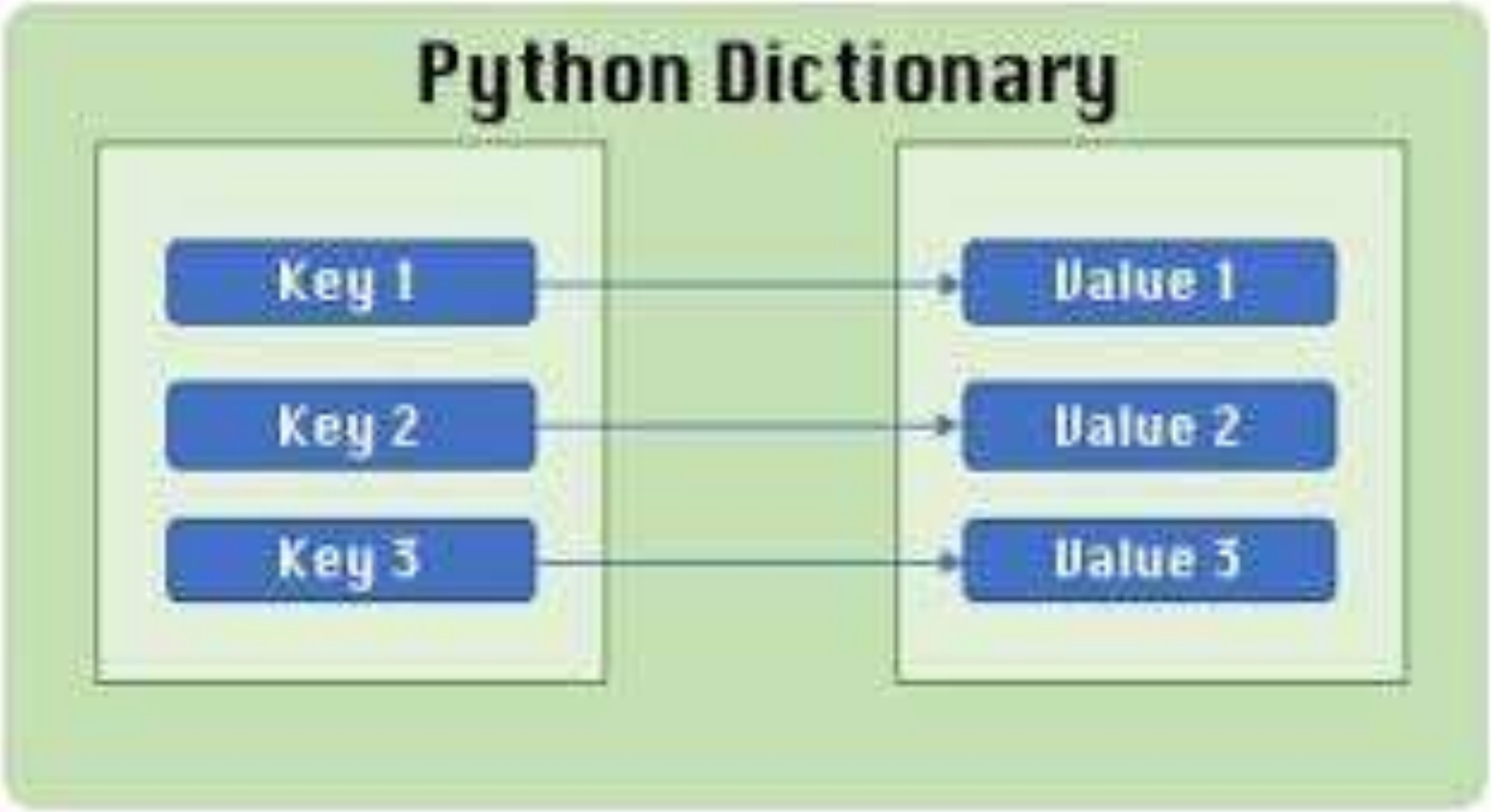



```
T = ('red','green','blue','cyan')
```

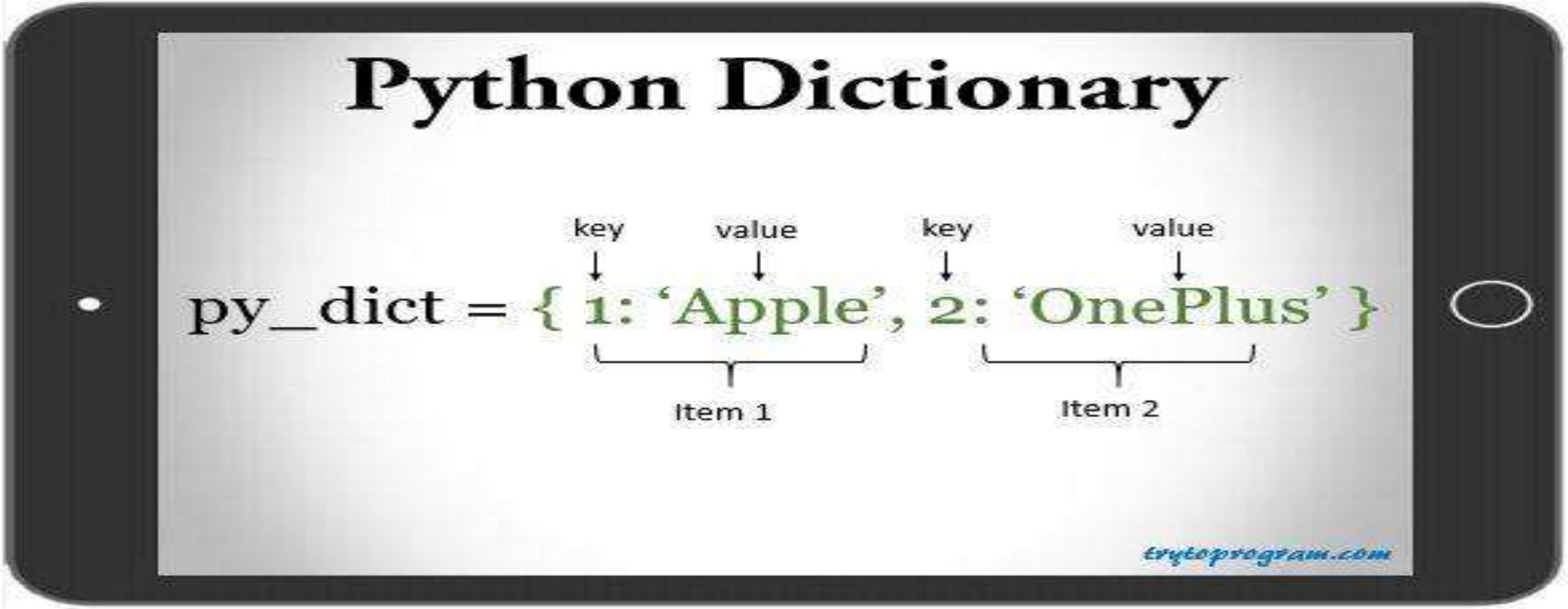
PYTHON SET


```
set={1,2,3}
```

PYTHON DICTIONARY

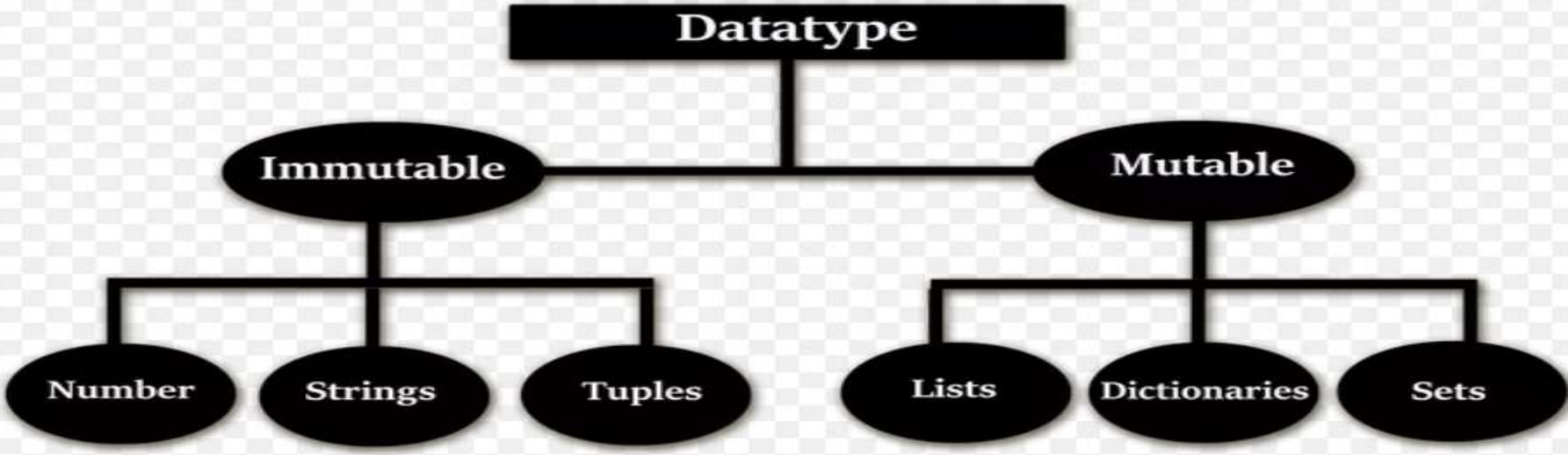


PYTHON DICTIONARY EXAMPLE

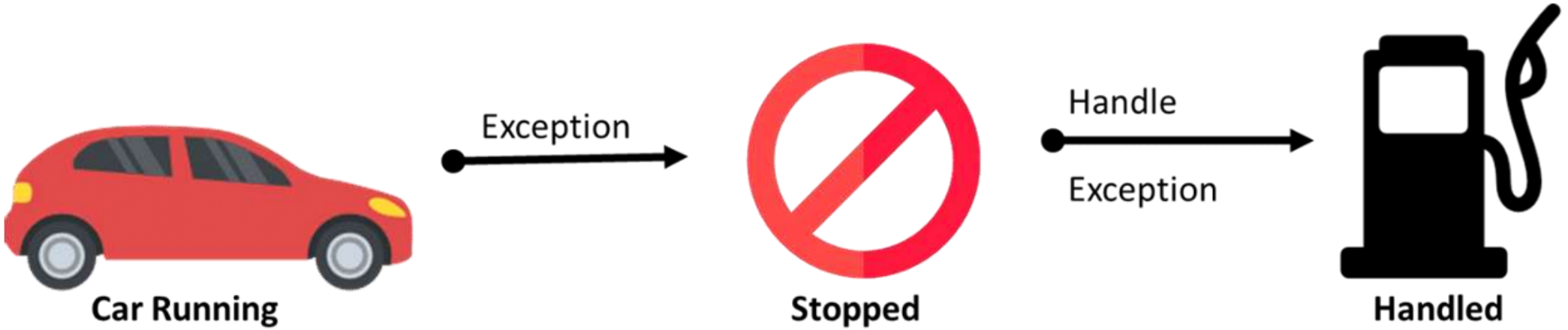


IMMUTABLE

MUTBALE & IMMUTABLE

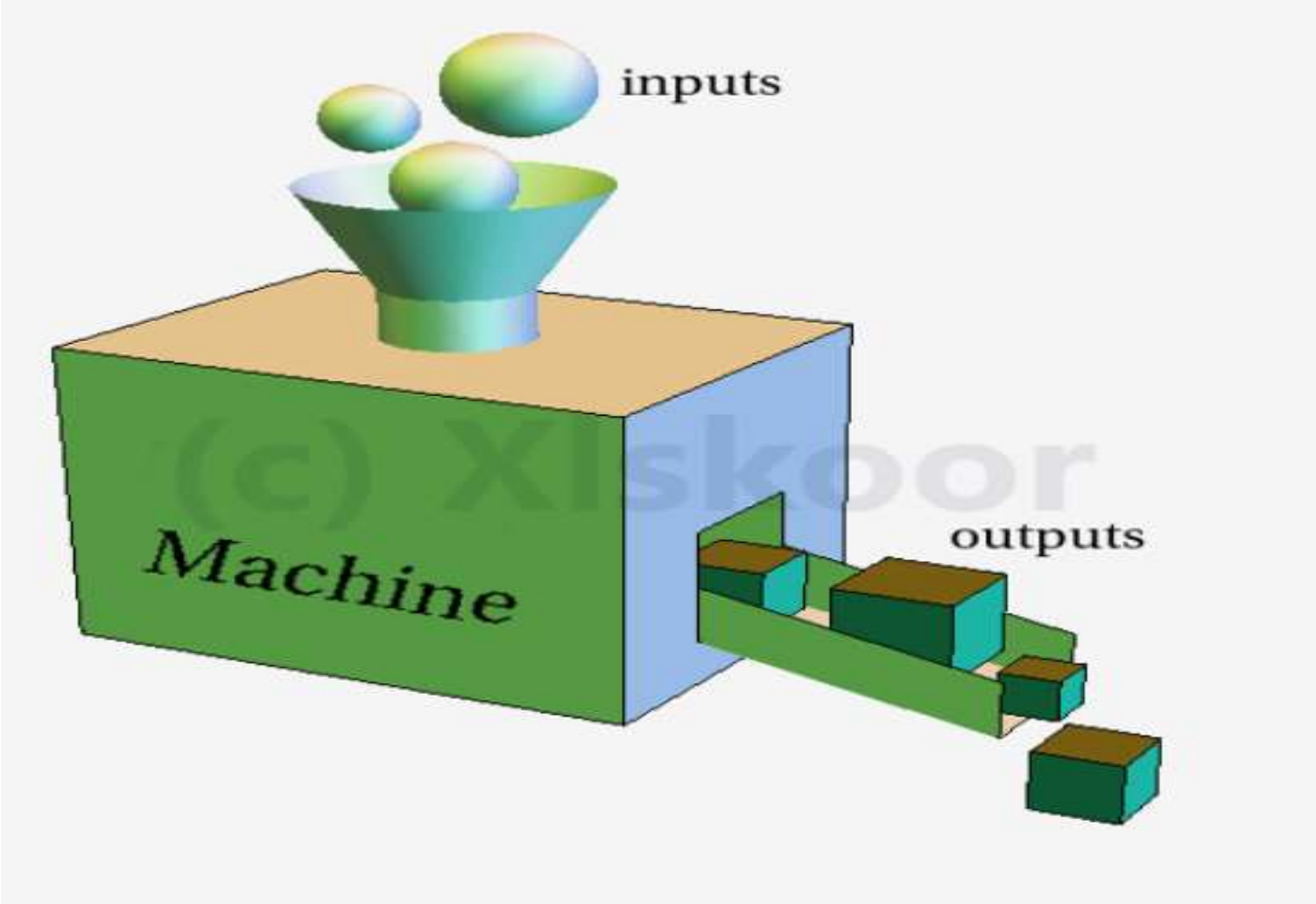


EXCEPTION HANDLING

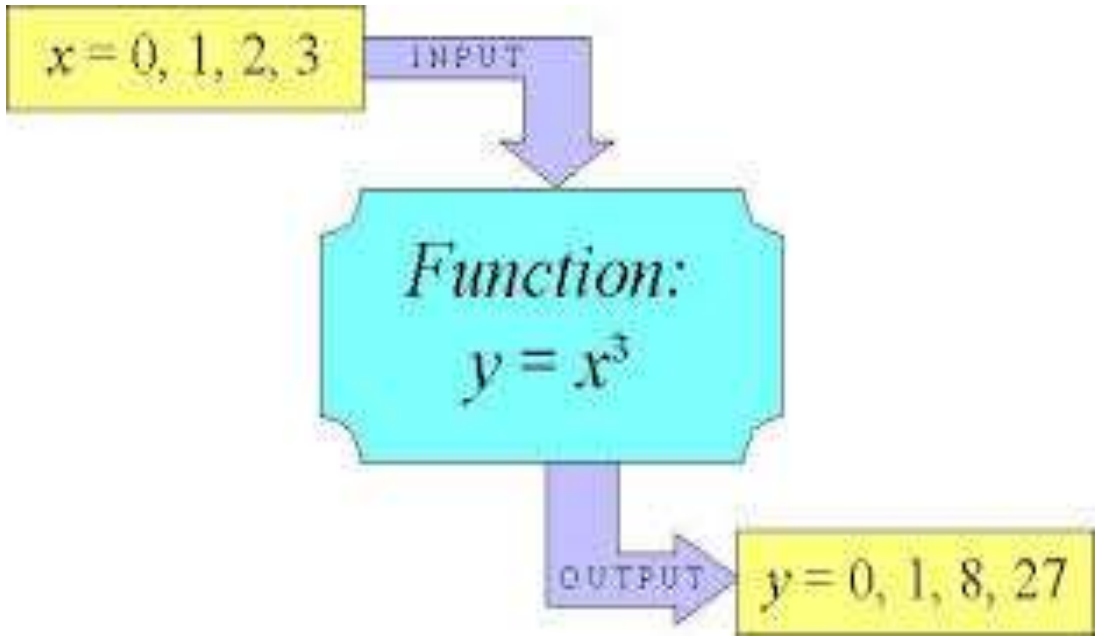


PYTHON EXCEPTION HANDLING

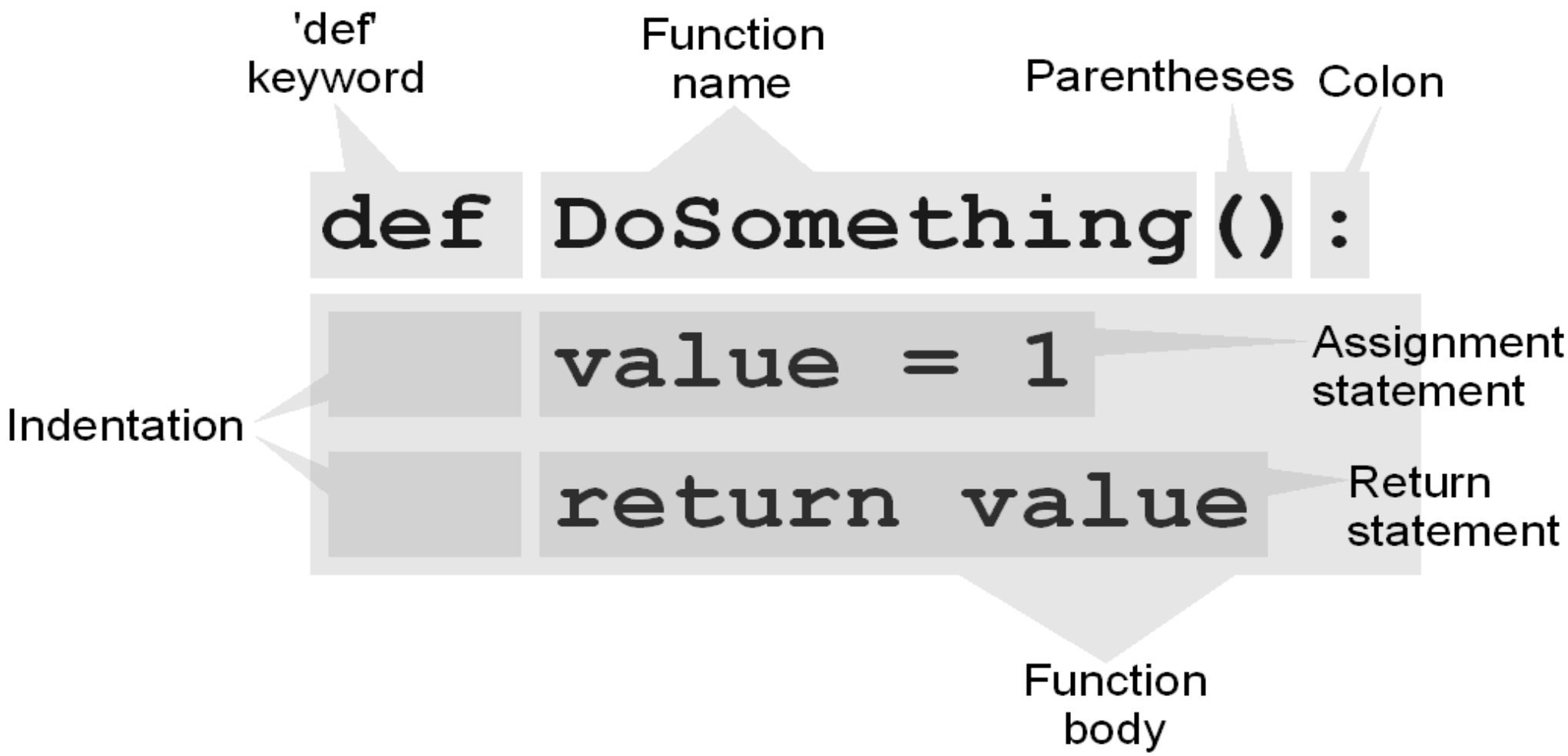
INPUT & OUTPUT



FUNCTIONS



PYTHON SYNTAX



PYTHON FUNTION TYPES