

name = ['shayo', 'Omolewa', 'Dimeji']

numbers = [10, 20, 30]

---

games = {}

games['football'] = 20

"football"  
↑  
key

20  
↑  
value

for index in range(3):

name[0]

index = 0

index = 1

name\_numbers["shayo"]

name\_numbers[name[0]] = numbers[0]

name\_numbers[name[index]] = numbers[index]

len(numbers)

0

1

nested list

Recursive:

numbers = [2, 4, [1, 2, 9], 3, 1, [2, 0]]

---

def square(xlist):

~~return~~ x \*\* 2  
print

[2, 4, 6]

[4, 16, 36]

4

16

36