

O(1) Constant

In [3]:

```
def func_constant(values):  
    print(values[0])  
  
list = [1,2,3,4,5,6,7,8,9]  
func_constant(list)
```

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O(n) Linear

In [4]:

```
def func_linear(values):  
    for i in values:  
        print(i)  
  
list = [1,2,3,4,5,6,7,8,9]  
func_linear(list)
```

1
2
3
4
5
6
7
8
9

O(n²) Quadratic

In [20]:

```
list1 = [1,2,3,4,5,6,7,8,9,10,11]  
list2 = ['a', 'b', 'c', 'd', 'e']  
list3 = ['a', 'b', 'c', 'd', 'e']  
def quadratic(list1, list2, list3):  
    count = 0  
    for i in list1:  
        for j in list2:  
            for k in list3:  
                count += 1  
  
    print(count)  
quadratic(list1, list2, list3)
```

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