#2: def square1(x):
    return x*x
def square2(x):
    print(x*x)
a = square1(4)
b = square2(4)

global
Square1
Square2

| a | 16 |
| b | 16 |

function object
square1(x)
square2(x)

local

Square1
| x | 4 |
| RV | 16 |
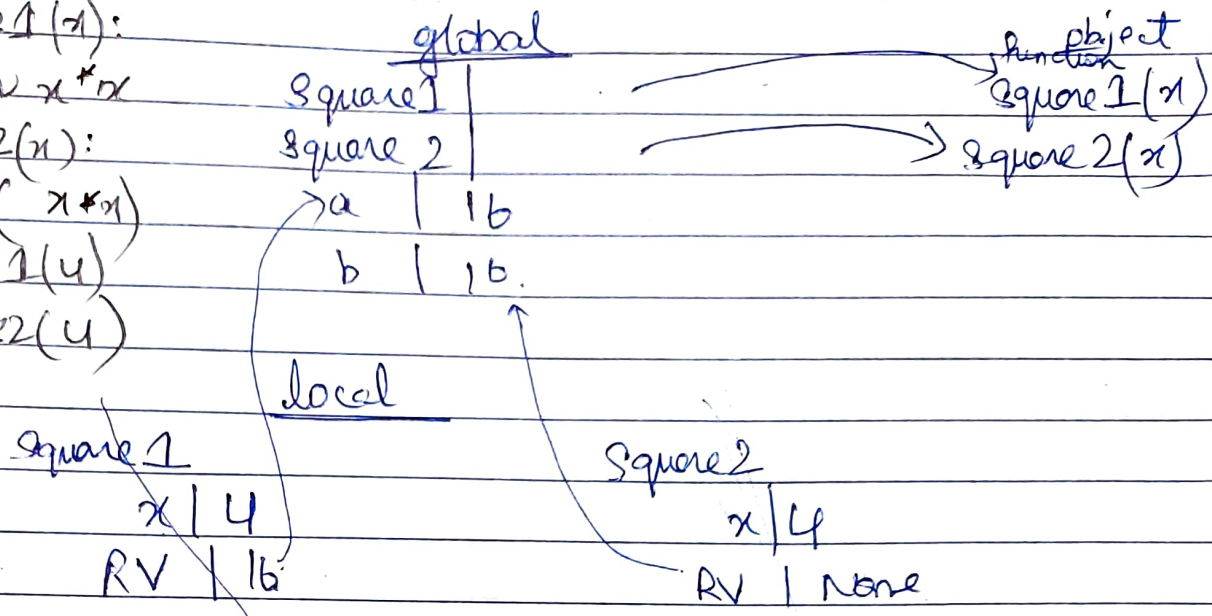
Square2
| x | 4 |
| RV | None |

Output = 16

@#3 def summation(n):
    total, k = 0,1
    while k <= n:
        total, k = total + k*k*k, k+1
    return total.
result = summation(3)

global
Summation
| result | 36 |

object function
Summation(n)

local
Summation
n	3
total	0, 1, 9, 36
k	0, 2, 3, 4
RV	36
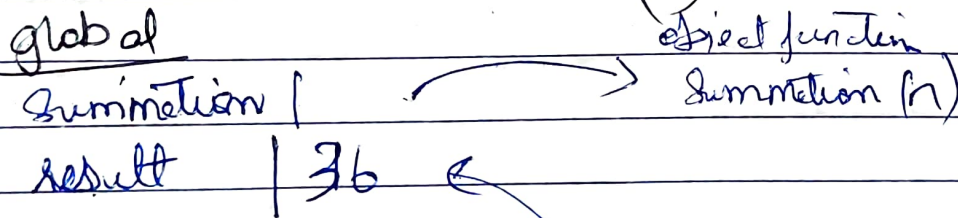
#4

x = 5

```
def square(x):
    return x ** x
def double(x):
    return square(x+1) - square(x) - 1
double(x)
```

global

x	5
square	
double	

object function

→ square(x)
→ double(x)

local

double

x	5
RV	10

square

x	6
RV	36

square

x	5
RV	25