

mat =

1	2	3	4
5	6	7	8
9	10	11	12

func1(mat, 3, 4)

1st \* 2nd    n    m

↓                    ↑ 60

mat[2][0] = func1(mat, 2, 4)

↓                    ↑ = 31

mat[1][0] = func1(mat, 1, 4)

↓                    ↑ func2(mat[0], 4) = 10

mat[0][0] = func1(mat, 0, 4)

↓                    ↑  
return (1)

func2(0, 4)

↓  
temp = 1 + 2 + 3 + 4 = 10

mat =

1	2	3	4
10	6	7	8
9	10	11	12

func2(1, 4)

↓  
temp = 10 + 6 + 7 + 8 = 31