## func1(mat, 3, 4)

n>0

mat[2][0] = func1(mat, 2, 4) = 31 func2(mat[2], 4)

x = 4 > 0

n>0



mat[1][0] = func1(mat, 1, 4) = 10func2(mat[1], 4)

x = 4 > 0

tmp = r2[0] + r2[1] + r2[2] + r2[3]10 + 6 + 7 + 8

n>0

31



mat[0][0] = func1(mat, 0, 4) = 1func2(mat[0], 4)

x = 4 > 0

tmp = r1[0] + r1[1] + r1[2] + r1[3]

1 + 2 + 3 + 410

n>0



return mat[0][0] = 1

Output:

2 3 4

10 6 7 8

31 10 11 12