

mat: $\begin{bmatrix} 1 & 5 & 9 \\ 2 & 6 & 10 \\ 3 & 7 & 11 \\ 4 & 8 & 12 \end{bmatrix}$

func1(mat, 3, 4)

n > 0 mat[2][0] = func1(mat, 2, 4) = 31 ←

n > 0 mat[1][0] = func1(mat, 1, 4) = 10 ←

n > 0 mat[0][0] = func1(mat, 0, 4) = 1 ←

n = 0 return mat[0][0] = 1

return func2(mat(0), 4)

= 1 + 2 + 3 + 4 = 10

mat: $\begin{bmatrix} 1 & 10 & 9 \\ 2 & 6 & 10 \\ 3 & 7 & 11 \\ 4 & 8 & 12 \end{bmatrix}$

return func2(mat(1), 4)

= 10 + 6 + 7 + 8 = 31

mat: $\begin{bmatrix} 1 & 10 & 31 \\ 2 & 6 & 10 \\ 3 & 7 & 11 \\ 4 & 8 & 12 \end{bmatrix}$

return func2(mat(2), 4)

= 31 + 10 + 11 + 12 = 64

cout:

1	2	3	4
10	6	7	8
31	10	11	12