Space Complexity

Order of growth of Memory (or RAM) usage in terms of input.

det getSuml(n):

rutum n*(n+1)/2

$$\Theta(1)$$
 on $O(1)$

def litSum(l):

Mm = 0

for x in l:

Mm = rum + x

return xum

$$\theta(n)$$

Auxiliary Space: Order of growth of extra space (space other than input/output)

def fun (n):

if $n \le 0$:

but an(2)fun (2)

fun (1)

else:

rutum n + fun (n-1) fun (0) $\frac{\partial (n)}{\partial x} - Aux Space$ Spaco Gomphority.