Factorials

Los solve w/ loops or recursion

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Continues can't ux loops

Factorial = [ | n=0 |

N= | n=1 |

N= | n=0 |

N= | n

Lappens up name spaces for

unknowns

def factorial 2(n)://input can be any positive #

if n=1:

return 1 //tiny doll, definite & solid > bex cax

elif n=0:

return 0

else

return(n = fact orial 2(n=1)) // calling function
inside self

factorial (n) O(1) 3

recursion
Will not
effect
speed or
complexity

factorial (n-z) O(1) 1

C factorial (o) O(1) 0

Binary Search = 70 (logn) Lysort -> know where you to find it
Lylooking for Sensifer 2 Lyreduces search space to each time
15 57m or 52m 50-726 415 576 or 526 32-713
475575  or  545 $476 = 72 = 73 = 73 = 73 = 73$ $476 = 76 = 76 = 76 = 73 = 73 = 73 = 73 =$
Jake Jennifer move on to next letter Josh
Lysolve W/ recursion Lyreset min 8 max = 7 = 2 Lybase case freturn what you were looking for Lybase case can be min or max Lycan have multiple conditions