

RCO4:

1) helper :

if $n == \text{size} - 1$: return $\text{arr}[n]$

else :

return $\text{arr}[n] + \text{helper}(\text{arr}, n + 1)$

2) helper

int mid = $\frac{\text{start} + \text{end}}{2}$

if $\text{target} == \text{arr}[\text{mid}]$: return mid ;

if $\text{target} > \text{arr}[\text{mid}]$: return helper(arr , $\text{mid} + 1$, end , target)

else $\text{arr}[\text{mid}]$: return helper(arr , start , $\text{mid} - 1$, target)