

3) if the middle index value is equal to the target 12, return the index, if the value is greater than the target, exclude that value and everything greater in the array, if it's less than the target value exclude itself and everything less than in the array and adjust pointers 4) repeat the process until the target value is found OR until L < R and the element is not in list $m_{i}\partial_{-1}\partial_{x} = (0+3)//2 = 1$ arr = [+ 4 5 12 15 16 19 24 30 33] mid_idx = (2+3) 112= 2 arr = [+ 4 5 12 15 16 19 24 30 33]

