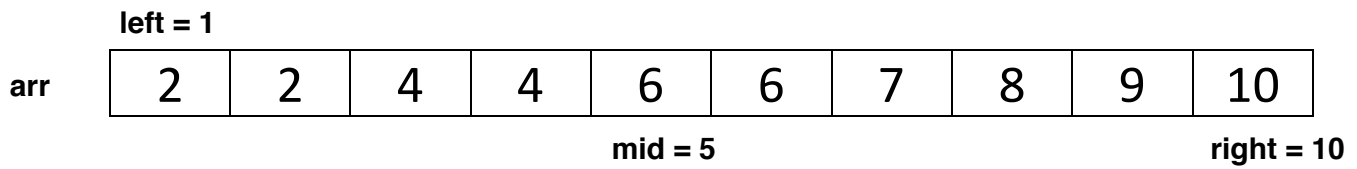
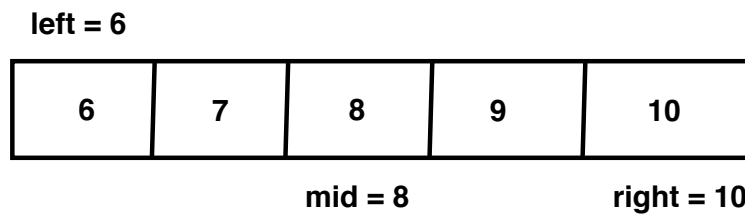


$$\text{mid} = (\text{left} + \text{right})/2$$



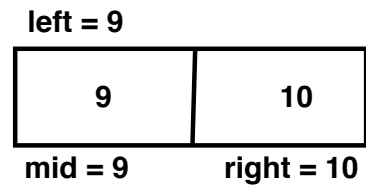
while le > right -> stop

arr[5] = 6 < 9
 left = mid + 1 = 6
 mid = 8



left = 6 < right 10

arr[8] = 9 = 9
 left = mid+1= 9
 mid = 9



left = 9 < right = 10

arr[9] = 9 = 9
 result = mid = 9

mid = 10
 arr[10] = 10 > 9 → break

OTBET : 9