Find element in rotated sorted array

1)First find the index of the min element  
2) Then use again BS (basic one) into two parts  
3) Because we know that from minimum element to last element is sorted and from first to min element index -1 is also sorted  
3) Two sorted arrays. Its helps to find element easily.

class Solution {

public int findMin(int[] nums)

{

int l=0;

int h=nums.length-1;

int n=nums.length;

while(l<=h)

{

int mid= l + (h-l)/2;

int next=(mid+1)%n;

int pre=(mid+n-1)%n;

if(nums[mid]<=nums[next] && nums[mid]<=nums[pre])

{

return mid;

}

if(nums[l]<=nums[h])

{

return l;

}

if(nums[l]<=nums[mid])

{

l=mid+1;

}

else if(nums[mid]<=nums[h])

{

h=mid-1;

}

}

return -1;

}

}

BS(arr,0,index-1) - 1

BS(arr,index , arr.length -1) - 2