Search in Rotated Sorted Array Rotated Sorted for would be like 1) mid = (st + (end-start)2 if A[mid]= target reform mid else we have to find out which the sorted one 8-Rotated Array left sorted A[st] c=tar c= A[md] A [mid] z=tar c= A[end] - Right else -> left left(st, mid-1) Right (ridtl, end)

Berdocode [3,4,5,6,7,0,1,2] tan=0 white(st c=end) { mid = st + (end-st)/2 if (A[mid] = start) -> mid

if (A[st] c= A[mid] - Left sorted

if (A[st] c= tar c= A[mid]

-> Left is sorted and we will

end = mid-1 else Right -> st=widtl clse Right Sorted if (A [wid] c=tar c= A[end]) Right is solled St= midt1 else left -? end=rid-1