

Scanned with CamScanner

pb2: briany search algorithm onlys search at one Side ofthe list element is compared with the middle element of large search night if smaller search left if equal tormed element return true and if not neturn fastre. mote: work where of each step i is I which is comparing the mid element with the given number to be searched. the wast case in this algorithm is if we are looking for element that desmot exist on the tree 1 at each level one there is O(1) work done and hight of the tree is (dogn) T(n) = 0(1 x legn) =0 (legn).

output: and of melenets in reveal order Imput and of nelements Algorth never ender

compute the & runming time reading count self Cells reverse Corde (A, What + 1, end -1) That of Mont >= end then return +c to temp = 4 [stant) A [shoul] = A [cul] M[end] ctemp

in the given alogaith we can observed by the mext method Accurative call is smalle by e , then the first one because stated and and a

1(n) 5 to n=0

Second Le do 14 Parc Jamula to realise the w

