

Binary Search - key not found

04 May 2023 12:41

Key = 100

Left = 0
Right = 8
Mid = 4

If(100 == 55)

[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
11	22	33	44	55	66	77	88	99

leftmidright

100 == 77 ? No
Check right subarray

[5]	[6]	[7]	[8]
66	77	88	99

Leftmidright

100 == 88?
No
Check right sub array

[7]	[8]
88	99

leftrightmid

100 == 99? No
Check right sub array

[8]
99

Right
Left
mid

In Right subarray
Right remains same
Right = 8
Left = mid + 1 = 9
Left exceeds right
Key not found

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