Binary search

04 May 2023   12:34

Key = 11

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

left   Left sub array   mid   Right sub array   right

Left = 0
Right = 8
Mid = 4

[0]	[1]	[2]	[3]
11	22	33	44

Left   mid   right

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

11 == 55 ? No
11 smaller to 55
Check left sub array

If(11 == 22)? No
11 is smaller to 22
Check left sub array

[0]
11

Left
Right
mid

[2]	[3]
33	44

If(11 == 11) yes
Key found at index 0