

arr = [18, 12, 9, 14, 77, 50] | size = 6

0 1 2 3 4 5

Q. Find whether 14 exists in the array or not

If element is found return its position

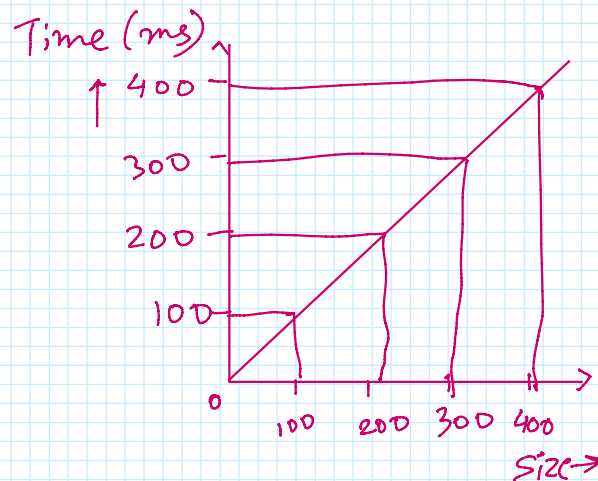
else return -1

Time Complexity:

Best: $O(1)$ // constant

Worst: $O(N)$

N = size of array



Worst case forms
a linear graph