

# \* Linear Search in Java \*

## + Questions

Q. What is Linear Search ?

→ Basically, if you have given an array of 10 elements & you have given a task to find a specific element.

Then Linear Search helps you to find that element.

it means, searching for that element you are looking for.

Example: arr = [ 18, 12, 9, 14, 77, 50 ]

0th      1st      2nd      3rd      4th      5th

Q:- Find whether 14 exists or not?

if not found return -1

- So now, you have to find 14. ok.
- the program go through all elements of array.  
or
- iterate all elements.
- Then it will check from 0th index & next index.
- in 0th index, it will not found then it will go for next one.
- So then, at 3rd index there is 14.
- So it gives at 3rd index there is 14 element.