A picture containing text, person

Description automatically generated

* Arrays are created on the Stack

Text, letter

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Text

Description automatically generated

Graphical user interface, application

Description automatically generated

* Write for loop without having to know the size of the array

Text, letter

Description automatically generated

* Printed x will just be a copy not a reference. If you want to directly change the array, then you must **for (int & x : A){…}**

Text, whiteboard

Description automatically generated

* The array does not need to be in sorted order. Used to check where the number in the array

Text, whiteboard

Description automatically generated

* Binary Search need to be sorted
* Always check for middle if the number if the number you found
* If l > h then the number is not there
* Used to check if the number is in the array

Graphical user interface, text, application

Description automatically generated

Diagram

Description automatically generated

A picture containing text, person, person

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated