* WAP to read an array of integers and search for an element using linear search.
* WAP to read an array of integers and search for an element using binary search.
* Given an array container and integer hunt. WAP to find whether hunt is present in container or not. If present, then triple the value of hunt and search again. Repeat these steps until hunt is not found. Finally return the value of hunt.

Input: container = {1, 2, 3} and hunt = 1 then Output: 9

Explanation: Start with hunt = 1. Since it is present in array, it becomes 3. Now 3 is present in array and hence hunt becomes 9. Since 9 is a not present, program return 9.

* Given a sorted array of length n, WAP to find the number in array that appears more than or equal to n/2 times. It can be assumed that such element always exists.

Input: 2 3 3 4 Output: 3

Input: 3 4 5 5 5 Output: 5

* WARP (Write a Recursive Program) to search an element in a dynamic array of n integers using linear search.
* WARP using recursion to search an element in a dynamic array of n integers using binary search.