

## Practice Questions: Arrays

1. Write a program that takes an integer array as an input and square the values of alternate array elements. That is, values at index 0,2,4... or at index 1,3,5,...
2. Write a program that declares an array of size 10. The array can be hardcoded or taken as an input from the user. You should then iterate over each element of an array and print as number of asteriks (\*) as the element's value.

### Element Value Histogram

0	19	*****
1	3	***
2	15	*****
3	7	*****
4	11	*****
5	9	*****
6	13	*****
7	5	*****
8	17	*****
9	1	*

3. Write a program that prints the contents of an array (input by the user) in reverse order
4. Write a program that takes two arrays A and B as input from the user. The program then merges the two arrays and store the result in third array C.
5. Write a program that finds the number of times '5' exists in an input array entered by the user