

1. Write a program to find the largest and smallest number in an array.
2. Write a program to sort an array of integers.
3. Write a program to find if a string is Palindrome.
4. Write a recursive program to find the factorial of a number.
5. Write a program to implement a linked list.
6. Write a function that combines two lists/arrays by alternately taking elements, e.g.
 $[a, b, c], [1, 2, 3] \rightarrow [a, 1, b, 2, c, 3]$.
7. Write a program to concatenate two arrays of integers and sort them.
Eg. $[1, 4, 2] \& [5, 2, 6, 2, 3] \Rightarrow [1, 2, 2, 2, 3, 4, 5, 6]$