

## Online on List (C1/C2)

Time: 40 mins

You have implemented List ADT in your offline. Now, you need to add a new functionality to the ADT (both arrayList and linkedList) using the codes you have written in the offline. Suppose the initial list is [ 3 4 5| 6 7 8 ]

Function (11)	Parameters	After Execution
combine()	-	[ 3 4 18  8 ]
	-	Invalid

This function combines three (current and next two) nodes. If there are less than two elements after the current one, print 'Invalid'. The number of the function is 11.

Sample Input	Sample Output
1 1	[ 1  ]
1 2	[ 1 2  ]
1 3	[ 1 2 3  ]
1 4	[ 1 2 3 4  ]
1 5	[ 1 2 3 4 5  ]
1 6	[ 1 2 3 4 5 6  ]
1 7	[ 1 2 3 4 5 6 7  ]
5 6	[ 1  2 3 4 5 6 7 ]
11	[ 6  4 5 6 7 ]
6 1	[ 6 4  5 6 7 ]
11	[ 6 15  7 ]
11	Invalid

We are ignoring other log prints you have printed during your offline. You can keep them as they are, or discard them.