

# CSE204 Online

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Duration: 30 mins

Marks: 20

## Task

Add the following function in your MyList class both for Array and Linked List

```
MyList merge(MyList list2)
```

It will accept another list as argumnet which will be merged with the current list. Before merging, the merge function will consider a snapshot of both list consisting of unique elements. And it will then merge them in an altering fashion.

You can add any helper function.

## Example

Say, our current list is [1, 2, 2] and we want to merge it with [3, 3, 4, 4, 5, 6].

Unique snapshot of [1, 2, 2] is [1, 2]

Unique snapshot of [3, 3, 4, 4, 5, 6] is [3, 4, 5, 6]

Merged output: [1, 3, 2, 4, 5, 6]