

CSE204 Online

Duration: 30 mins

Marks: 20

Task

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

```
MyList rearrange()
```

It will rearrange the list in following manner:

Arrange positive and negative integers in an altering fashion so that every positive integer is followed by a negative integer and vice-versa by maintaining the order of appearance in the original list. If there are more positive numbers, they appear at the end of the array. Same for negatives.

Example

[1, 3, 5, -2, -6] will be rearranged as [-2, 1, -6, 3, 5]

[-2, -5, 3, -1, -6] will be rearranged as [-2, 3, -5, -1, -6]