

[Recursion] Calculate sum of an array list/linked list.

```
import java.util.ArrayList;
import java.util.LinkedList;
import java.util.List;

public class MainClass {
    public static void main(String[] args) {
        ArrayList<Integer> list = new ArrayList<>();
        list.add(1);
        list.add(2);
        list.add(3);
        list.add(4);
        list.add(5);

        int sum = sum(list);
        System.out.println(sum);
    }

    static int sum(List<Integer> list) {
        if (list.size() == 0) {
            return 0;
        }
        return list.get(0) + sum(list.subList(1,
list.size()));
    }
}
```