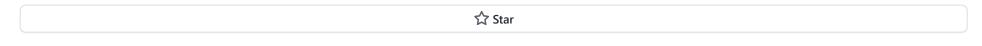
Instantly share code, notes, and snippets.

mbykovskyy / sums_of_elements.java

Created 11 years ago



Code -O- Revisions 1

An algorithm for generating all possible combinations of sums of elements.

```
 sums_of_elements.java

     public List<Integer> sums(int sum, int offset, int[] array) {
1
         List<Integer> sums = new ArrayList<Integer>(array.length - offset);
 2
 3
         for (int i = offset; i < array.length; ++i) {</pre>
 4
 5
              int total = sum + array[i];
 6
             sums.add(total);
             sums.addAll(sums(total, i + 1, array));
 8
 9
         }
10
11
         return sums;
12
```