

Find if there is any
array with sum equal to 0

Given array,

4	2	-3	1	6
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we gonna solve it through
prefix sum

Prefix sum,

4	6	3	4	10
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Rule 1:

If we get same number
twice in the prefix sum, it
means the subarray b/w those
numbers results to 0

Rule 2:

If we get an 0 element in the
original array directly, it
means that number itself can
be sub array

Rule 3:

Consider this array,

3 -1 -2 5

Prefix sum,

3 2 0 5

If we get prefix sum 0
in the respective array,
it means we are having a
subarray from start of elem
to the 0th element index,
which sums upto zero

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for (int i = 0; i < n; i++)  
if (sum[i] > 0)  
index = i;  
break;
```