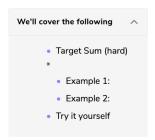




# Problem Challenge 2



# Target Sum (hard)

You are given a set of positive numbers and a target sum 'S'. Each number should be assigned either a '+' or '-' sign. We need to find the total ways to assign symbols to make the sum of the numbers equal to the target 'S'.

### Example 1:

```
Explanation: The given set has '3' ways to make a sum of '1': {+1-1-2+3} & {-1+1-2+3} & {+1+1+2
```

#### Example 2:

```
Input: {1, 2, 7, 1}, S=9
Output: 2
Explanation: The given set has '2' ways to make a sum of '9': \{+1+2+7-1\} & \{-1+2+7+1\}
```

### Try it yourself

Try solving this question here:

```
Python3
                          G C++
                                      JS JS
 🍨 Java
        public int findTargetSubsets(int[] num, int s) {
        public static void main(String[] args) {
          TargetSum ts = new TargetSum();
int[] num = {1, 1, 2, 3};
          System.out.println(ts.findTargetSubsets(num, 1));
          System.out.println(ts.findTargetSubsets(num, 9));
   Run
                                                                                                  Reset []
                                                                                                       Next →
 ← Back
Solution Review: Problem Challenge 1
                                                                                   Solution Review: Problem Challenge 2
                                                                                              ✓ Mark as Completed
```