Problem Challenge 2

We'll cover the following ⌃

- Target Sum (hard)
*
  - Example 1:
  - Example 2:
- Try it yourself

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:

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

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:

Java | Python3 | C++ | JS

```java
1  class TargetSum {
2
3    public int findTargetSubsets(int[] num, int s) {
4      // TODO: Write your code here
5      return -1;
6    }
7
8    public static void main(String[] args) {
9      TargetSum ts = new TargetSum();
10     int[] num = {1, 1, 2, 3};
11     System.out.println(ts.findTargetSubsets(num, 1));
12     num = new int[]{1, 2, 7, 1};
13     System.out.println(ts.findTargetSubsets(num, 9));
14   }
15 }
16
```

Run   Save   Reset   ⛶

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Solution Review: Problem Challenge 1   Solution Review: Problem Challenge 2

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