App Developer Technical Test

String Calculator

The idea is to develop a simple string calculator over several iterations. For each version submit appropriate Javascript or Typescript containing the required implementation as well as appropriate unit tests
and test output.

At each stage you should approach the test in a TDD (test driven development) manner.

Requirement: Create a simple String calculator function that takes a string as a single parameter and returns an numeric value
ie. **function Add(numbers: string): number;**

V1.
The method can handle up to two numbers, separated by commas, and will return their sum.
for example "" or "1" or "1,2" as inputs.
(for an empty string it will return 0)

V2.
Allow the Add method to handle an unknown amount of numbers

V3.
Calling Add with a negative number will throw an exception "negatives not allowed" - and the negative that was passed. If there are multiple negatives, show all of them in the exception message.

V4.
Numbers bigger than 1000 should be ignored, so adding 2 + 1001 = 2

V5.
Support different delimiters
to change a delimiter, the beginning of the string will contain a separate line that looks like this:
"//[delimiter]\n[numbers…]"
for example "//;\n1;2" should return three where the default delimiter is ';' .
the first line is optional. all existing scenarios should still be supported