

Description:

String Sum Kata

- Write a simple String Sum utility with a function *string Sum(string num1, string num2)*, which can accept only natural numbers and will return their sum. Replace entered number with 0 (zero) if entered number is not a natural number.
- Start with a simplest test case with an empty string
- Create a simple method *string Sum(string num1, string num2)*
- Write a test to pass small numbers and refactor, if test passed
- try to write more code and refactor

Assumptions:

natural number: 0,1,2,3...

Tasks:

1. Convert String to natural-number String
 - a. string is not a natural number, return "0"
 - i. string is empty or null
 - ii. string is not a natural number - string contains at least one non-number character
 - A. string is not a number
 - B. string is a number but not a natural number
 - b. string is a natural number, return string
2. Convert natural-number String to natural nu

Data Structure:

String1: String - int[]

String2: String - int[]

SumString: int[]