Assumptions:

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

Tasks:

- 1. check whether string is a natural number or not
 - o string is not a natural number, return false
 - string is empty or null
 - string is not a natural number string contains at least one non-number character
 - string is not a number
 - string is a number but not a natural number
 - o string is a natural number, return true
- 2. sum two string
 - one string is not a natural number while the other string is a natural number, return the natural number String
 - both strings are not natural numbers, return 0
 - both strings are natural numbers, return the sum of the two numberString (convert string to int array)
 - both string contain only one number
 - sum without carry
 - sum with carry
 - one string contains one number, the other string contains more than one number
 - sum without carry
 - sum with one carry
 - sum with two carries

• both strings contain more than one number

Data Structure:

String1: String - int[] String2: String - int[] SumString: int[]