Solution 1 Solution 2

Solution 1 Solution 2 Solution 3

Our Solution(s)

```
Run Code
```

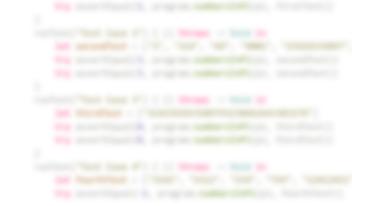
Your Solutions

Run Code

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
   class Program {
 3
        // O(n^3 + m) time | O(n + m) space
        func numbersInPi(_ pi: String, _ favoriteNumbers: [String]) -> In
            var numbersDictionary = [String: Bool]()
            for number in favoriteNumbers {
 9
                numbersDictionary[number] = true
10
11
12
           var cache = [Int: Int]()
13
           let minimumNumberOfSpaces = getMinimumNumberOfSpaces(pi, numbe
14
16
            if minimumNumberOfSpaces == Int(Int32.max) {
17
               return -1
18
            } else {
19
                return minimumNumberOfSpaces
20
21
22
23
        \textbf{func getMinimumNumberOfSpaces} (\_ \ pi: \ String, \ \_ \ numbersDictionary: \ [
            if index == pi.count {
25
               return -1
26
27
28
            if let minimumNumberOfSpaces = cache[index] {
29
                return minimumNumberOfSpaces
30
31
32
            var minimumNumberOfSpaces = Int(Int32.max)
33
```

```
class Program {
   func numbersInPi(_ pi: String, _ favoriteNumbers: [String]) -> Int
   // Write your code here.
   return -1
}
}
```

- rest



Run or submit code when you're ready.