Run Code

Our Solution(s)

28 29

30 31

32 33 if smallest > current {

smallest = current

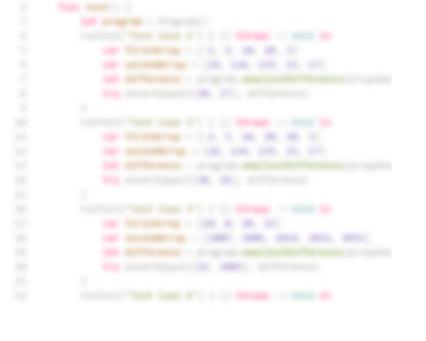
smallestPair = [firstNum, secondNum]

Run Code

```
Your Solutions
```

14рх

```
Solution 1
                                                                          Solution 1
                                                                                       Solution 2
                                                                                                   Solution 3
 1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
                                                                          1 class Program {
 3
   class Program {
                                                                          3
                                                                                     // Write your code here.
                                                                                     return []
        func smallestDifference(arrayOne: inout [Int], arrayTwo: inc
                                                                          4
           arrayOne.sort()
 5
                                                                          5
6
           arrayTwo.sort()
                                                                          6 }
 7
            var idxOne = 0
9
            var idxTwo = 0
10
11
            var current = Int.max
12
           var smallest = Int.max
13
14
            var smallestPair: [Int] = []
15
            while idxOne < arrayOne.count, idxTwo < arrayTwo.count {</pre>
16
17
                let firstNum = arrayOne[idxOne]
                let secondNum = arrayTwo[idxTwo]
18
19
20
                if firstNum < secondNum {</pre>
                    current = secondNum - firstNum
21
                    idxOne = idxOne + 1
23
                } else if firstNum > secondNum {
                    current = firstNum - secondNum
24
25
                    idxTwo = idxTwo + 1
26
                } else {
27
                    return [firstNum, secondNum]
```



Run or submit code when you're ready.