

Our Solution(s)

Run Code

Solution 1

1

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2

3

class Program {

4

func smallestDifference(arrayOne: inout [Int], arrayTwo: ino

5

arrayOne.sort()

6

arrayTwo.sort()

7

8

var idxOne = 0

9

var idxTwo = 0

10

11

var current = Int.max

12

var smallest = Int.max

13

14

var smallestPair: [Int] = []

15

16

while idxOne < arrayOne.count, idxTwo < arrayTwo.count {

17

let firstNum = arrayOne[idxOne]

18

let secondNum = arrayTwo[idxTwo]

19

20

if firstNum < secondNum {

21

current = secondNum - firstNum

22

idxOne = idxOne + 1

23

} else if firstNum > secondNum {

24

current = firstNum - secondNum

25

idxTwo = idxTwo + 1

26

} else {

27

return [firstNum, secondNum]

28

}

29

30

if smallest > current {

31

smallest = current

32

smallestPair = [firstNum, secondNum]

33

}

Your Solutions

Run Code

Solution 1

Solution 2

Solution 3

1

class Program {

2

func smallestDifference(arrayOne: inout [Int], arrayTwo: ino

3

// Write your code here.

4

return []

5

}

6

}

7

Custom Output

Submit Code

Run or submit code when you're ready.

Run or submit code when you're ready.