

PromptScratchpadOur Solution(s)Video ExplanationRun Code

Solution 1

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 class Program {
4     // O(n + m) time | O(1) space
5     func searchInSortedMatrix(matrix: [[Int]], target: Int) -> [Int] {
6         var row = 0
7         var column = matrix[0].count - 1
8
9         while row < matrix.count, column >= 0 {
10             if matrix[row][column] > target {
11                 column = column - 1
12             } else if matrix[row][column] < target {
13                 row = row + 1
14             } else {
15                 return [row, column]
16             }
17         }
18
19         return [-1, -1]
20     }
21 }
22
```

Your SolutionsRun Code

Solution 1Solution 2Solution 3

```
1 class Program {
2     func searchInSortedMatrix(matrix: [[Int]], target: Int) -> [Int] {
3         // Write your code here.
4         return []
5     }
6 }
7
```

Custom OutputRaw OutputSubmit Code

Run or submit code when you're ready.