

Solution 1

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 public class Program {
4     // O(n) time | O(1) space
5     public static int[] SearchInSortedMatrix(int[,] matrix, int target) {
6         int row = 0;
7         int col = matrix.GetLength(1) - 1;
8         while (row < matrix.GetLength(0) && col >= 0) {
9             if (matrix[row,col] > target) {
10                 col--;
11             } else if (matrix[row,col] < target) {
12                 row++;
13             } else {
14                 return new int[] {row, col};
15             }
16         }
17         return new int[] {-1, -1};
18     }
19 }
20
```

Solution 1

Solution 2

Solution 3

```
1 public class Program {
2     public static int[] SearchInSortedMatrix(int[,] matrix, int target) {
3         // Write your code here.
4         return null;
5     }
6 }
7
```

Custom Output

Raw Output

Submit Code

Run or submit code when you're ready.