Our Solution(s)   Run Code

Solution 1

```csharp
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 ta
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
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

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

Our Tests

Custom Output   Submit Code

Run or submit code when you're ready.