Our Solution(s)   Run Code

Solution 1

```java
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class Program {
  // O(n) time | O(1) space
  public static int[] searchInSortedMatrix(int[][] matrix, int target) {
    int row = 0;
    int col = matrix[0].length - 1;
    while (row < matrix.length && col >= 0) {
      if (matrix[row][col] > target) {
        col--;
      } else if (matrix[row][col] < target) {
        row++;
      } else {
        return new int[] {row, col};
      }
    }
    return new int[] {-1, -1};
  }
}
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

```java
class Program {
  public static int[] searchInSortedMatrix(int[][] matrix, int target) {
    // Write your code here.
    return null;
  }
}
```

Custom Output   Raw Output   Submit Code

```java
class Program {
  public static int[] searchInSortedMatrix(int[][] matrix, int target) {
    // Write your code here.
    return null;
```

Run or submit code when you're ready.