Our Solution(s)   Run Code

Solution 1

```csharp
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using System;
using System.Collections.Generic;

public class Program {

  // O(a * (a + r) + a + r + alog(a)) time | O(a + r) space - where a
  public static int AirportConnections(
    List<string> airports,
    List<List<string> > routes,
    string startingAirport
    ) {
    Dictionary<string, AirportNode> airportGraph = createAirportGraph(
    List<AirportNode> unreachableAirportNodes = getUnreachableAirportN
        airports,
        startingAirport);
    markUnreachableConnections(airportGraph, unreachableAirportNodes);
    return getMinNumberOfNewConnections(airportGraph, unreachableAirpo
  }

  // O(a + r) time | O(a + r) space
  public static Dictionary<string, AirportNode> createAirportGraph(
    List<string> airports,
    List<List<string> > routes
    ) {
    Dictionary<string,
      AirportNode> airportGraph = new Dictionary<string, AirportNode>(
    foreach (string airport in airports) {
      airportGraph.Add(airport, new AirportNode(airport));
    }
    foreach (List<string> route in routes) {
      string airport = route[0];
```

Your Solutions   Run Code

Solution 1   **Solution 2**   **Solution 3**

```csharp
using System.Collections.Generic;

public class Program {
  public static int AirportConnections(
    List<string> airports,
    List<List<string> > routes,
    string startingAirport
    ) {
    // Write your code here.
    return -1;
  }
}
```

Our Tests

Custom Output   Submit Code

Run or submit code when you're ready.