Our Solution(s)   Run Code

Solution 1

```swift
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class Program {
    // O(a * (a + r) + (a + r) + alog(a)) time | O(a + r) space
    func airportConnections(_ airports: [String], _ routes: [[String]
        var airportGraph = createAirportGraph(airports, routes)
        var unreachableAirportNodes = getUnreachableAirportNodes(airpo
        addChildrenToUnreachableAirportNodes(airportGraph, unreachable

        return getMinimumNumberOfNewConnections(&airportGraph, &unreac
    }

    // O(a + r) time | O(a + r) space
    func createAirportGraph(_ airports: [String], _ routes: [[String]
        var airportGraph = [String: AirportNode]()

        for airportCode in airports {
            airportGraph[airportCode] = AirportNode(airportCode)
        }

        for route in routes {
            let origin = route[0]
            let destination = route[1]

            if let airportNode = airportGraph[origin] {
                airportNode.directConnections.append(destination)
                airportGraph[origin] = airportNode
            }
        }

        return airportGraph
    }
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

```swift
class Program {
    func airportConnections(_ airports: [String], _ routes: [[String]]
        // Write your code here.
        return -1
    }
}
```

Our Tests

Custom Output   Submit Code

Run or submit code when you're ready.