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Q)..Destination City
You are given the array paths, where paths[i] =
[cityAi, cityBi] means there exists a
direct path going from cityAi to cityBi. Return
the destination city, that is, the city
without any path outgoing to another city.
It is guaranteed that the graph of paths forms a
line without any loop, therefore, there will
be exactly one destination city.
Example 1:
Input: paths = [["London","New York"],["New
York","Lima"],["Lima","Sao Paulo"]]
Output: "Sao Paulo"
Program:
def destCity(paths):
  outgoing_cities = set()
  for path in paths:
    outgoing cities.add(path[0])
  for path in paths:
    if path[1] not in outgoing cities:
       return path[1]
paths = [["London", "New York"], ["New York",
"Lima"], ["Lima", "Sao Paulo"]]
print(destCity(paths))
```

**Output:** 

C:\Users\srika\Desktop\CSAB863\pythonProject\.venv\Scripts\python.exe C:\Users\srika\Desktop\CSAB863\pythonProject\problem.py
Sao Paulo
Process finished with exit code 0

Time complexity:O(n)