**02. Short test Path Finder**

**Condition:**

You have a network of cities connected by roads. Each road has a length that can be different. Your goal is to find the shortest path between two given cities.

**Input:**

* On the first line, an integer n is entered, which represents the number of cities.
* The next n lines introduce a matrix of distances between cities. Each number in the matrix represents the distance between two cities. If two cities are not directly connected, the distance is given as inf.
* On the last line, two numbers are entered, separated by a space, representing the starting and ending cities.

**Output:**

The shortest path between the starting and ending cities.

**Examples:**

|  |  |
| --- | --- |
| **Input** | **Output** |
| 3  0 5 3  5 0 2  3 2 0  0 2 | 0 2 |