

## ***Ford Fulkerson - Directed Version***

Given a directed graph, you have to determine the maximum flow from a start vertex  $s$  to an end vertex  $t$  using the Ford Fulkerson Algorithm.

### **Input**

The input starts with an integer  $d$ , which is the graph's degree. The next  $d$  lines will represent the adjacency matrix. The last line will contain 2 integers  $s$  and  $t$ , representing the start and end vertices.

### **Output**

Your program must produce a single output line, showing the evaluated maximum flow.

### **Sample Input**

```
6
0 10 0 4 0 0
0 0 13 0 4 0
0 0 0 0 10
0 0 4 0 0 0
0 0 0 0 0 4
0 0 0 0 0 0
0 5
```

### **Sample Output**

```
14
```