**Problem Statement**

Let there be N workers and N jobs. Any worker can be assigned to perform any job, incurring some cost that may vary depending on the work-job assignment. It is required to perform all jobs by assigning exactly one worker to each job and exactly one job to each agent in such a way that the total cost of the assignment is minimized.

**Input Format**

Number of workers and job: N

Cost matrix C with dimension N\*N where C(i,j) is the cost incurred on assigning ith Person to jth Job.

**Sample Input**

4

[

9 2 7 8

6 4 3 7

5 8 1 8

7 6 9 4

]

**Sample Output**

13

**Constraints**

N <= 20