Task 1

Score

Task

JOI High School students A and B took examinations in four subjects – informatics, mathematics, science, and English. Let S be the total score of A and T the total score of B. Write a program which, given their scores of these four subjects, output the higher score of S and T. When S equals to T, the program outputs S (= T).

Input

The input file contains two lines. The first line of the input file contains four space-separated integers: A's scores of informatics, mathematics, science and English. The last line of the input file contains four space-separated integers: B's scores of informatics, mathematics, science and English. Note that every score is between 0 and 100, inclusive.

Output

You should submit the output file which consists of one line, and the line should contain one integer.

Sample inputs and outputs

Sample inputs

Sample input 1

```
100 80 70 60
80 70 80 90
```

Sample input 2

```
100 80 70 60
80 70 60 100
```

Sample outputs

Sample output 1

```
320
```

Sample output 2

```
310
```