

MINIMUM PATH SUM

CHALLENGE DESCRIPTION:

You are given an $n \times n$ matrix of integers. You can move only right and down. Calculate the minimal path sum from the top left to the bottom right

INPUT SAMPLE:

Your program should accept as its first argument a path to a filename. The first line will have the value of n (the size of the square matrix). This will be followed by n rows of the matrix. (Integers in these rows will be comma delimited). After the n rows, the pattern repeats. E.g.

```
2
4,6
2,8
3
1,2,3
4,5,6
7,8,9
```

OUTPUT SAMPLE:

Print out the minimum path sum for each matrix. E.g.

```
14
21
```