Project Euler #13: Large sum

This problem is a programming version of Problem 13 from projecteuler.net

Work out the first ten digits of the sum of N 50-digit numbers.

Input Format
First line contains N, next N lines contain a 50 digit number each.

Output Format
Print only first 10 digit of the final sum

Constraints
$1 \le N \le 10^3$

Sample Input

```
5
37107287533902102798797998220837590246510135740250
46376937677490009712648124896970078050417018260538
74324986199524741059474233309513058123726617309629
91942213363574161572522430563301811072406154908250
23067588207539346171171980310421047513778063246676
```

Sample Output

```
2728190129
```