Sum of Three Integers

Input file:	`standard input`
Output file:	`standard output`
Time limit:	1 second
Memory limit:	256 megabytes

You are given two integers K and S. Three variables X, Y and Z take integer values satisfying $0 \leq X, Y, Z \leq K$. How many different assignments of values to X, Y, and Z are there such that $X + Y + Z = S$?

Input

There is only one line in input, consisting two integers K ($2 \leq K \leq 2500$ and S ($0 \leq S \leq 3K$)

Output

Output a single integer denoting number of ordered triples (X, Y, Z) satisfying above conditions.

Examples

standard input	standard output
1 3	1
2 3	7
3 5	12