72773. Steaks

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

After the personal contest, happy but hungry programmers dropped into the restaurant Kaganat and ordered n specialty steaks. Each steak is cooked by frying each of its sides on a frying pan for one minute.

Unfortunately, the chef has only one frying pan, on which at most k steaks can be cooked simultaneously. Find the time the chef needs to cook the steaks.

Input

The only input line contains the integers n and k separated with a space $1 <= n, k <= 1000$

Output

Output the minimal number of minutes in which the chef can cook n steaks.

Examples

standard input	standard output
3 2	3
4 8	2
13 7	4
5 10	2
1 2	2
15 2	15