

A to B
1 second, 32 MB

Write a program that reads 2 integers A and B ($0 \leq A < B \leq 10,000$) on the first line of the input, and outputs the summation of integers from A to B (inclusive):

$$A + (A+1) + \dots + (B-1) + B$$

Examples

| Input | Output |
|-------|--------|
| 1 10 | 55 |