

# Sum it up

## ZPRAC-16-17-Lab2

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[30 points]

Your friend Nirbhay is afraid of finding long sums. He wants to find the sum of Natural numbers in a range. Help him by writing a program to find the sum of Natural numbers from  $s$  to  $e$  ( $s \leq e$  and  $e \leq 10^4$ )

Input:

Input contains two space separated Natural numbers  $s$  and  $e$ .

Output:

Print the sum  $s + (s+1) + \dots + e$

Example:

Input:

1 2

Output:

3