

INPUT

finds the summation of every number from 1 to num. The number will always be a positive integer greater than 0.

FUNCTION

OUTPUT

summation(2) -> 3
 $1 + 2$

summation(8) -> 36
 $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8$

1. set function expression variable
summation equals function with
parameter/argument num

2. let result equal 0

3. for loop with three expressions. first
expression is a variable
equal to 1; second expression is i less than or
equal to num;
third expression is i plus plus, so that i will
increment by one
through each loop iteration

4. result plus equals i

5. return result