

C program to add the natural numbers from 1 to N using the structures.

Algorithm:

Step 1: Start

Step 2: Declare `int addNumbers(int n)`

Step 3: Declare `int num`

Step 4: Read `num` Value

4.1 Print `sum`

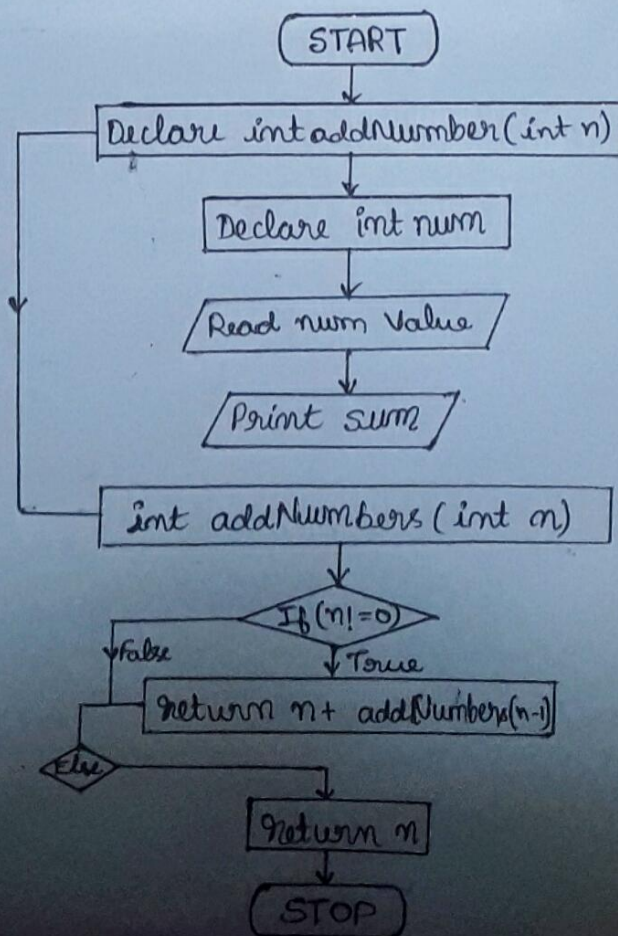
Step 5: `int addNumbers(int n)`

5.1 `if (n != 0)`

`return n + addNumbers(n-1);`

`return n;`

Flowchart:



calling function

called function