**Problem Statement:** Algorithm to display the sum of n natural numbers

**Algorithm:**

/\* Sum of n natural numbers \*/

STEP 1. Read the value of n.

STEP 2. i = 1 , SUM = 0

STEP 3. if ( i > n ) go to STEP 7

STEP 4. S = S + i

STEP 5. i = i + 1

STEP 6. Go to STEP 3

STEP 7. Display the value of S

STEP 8. Stop

**Test Cases:**

|  |  |
| --- | --- |
| Expected Input | Expected output |
| -1 | ERROR |
| 2 | 3 |
| 3 | 6 |
| 0 | ERROR |
| 4 | 10 |