

Q. Ask the user to enter an integer number. Check whether the number is positive or not. If the entered number is positive check whether the entered number is perfect number or not otherwise display proper error message. (a perfect number is a positive integer that is equal to the sum of its positive divisors, excluding the number itself. )

#### ALGORITHM

1. Start
2. Define num, i = 1, sum = 0, quo
3. Input num as Integer
4. Check if num > 0, if yes go to **Step 6**
5. Print "num is not positive please input again" then go to **Step 3**
6. Check if (i < n) If no then go to **Step 11**
7. quo = num/i
8. Check if quo\*i == num if No go to **Step 10**
9. sum = sum + i
10. i = i + 1 then go to **Step 6**
11. Print sum
12. Stop

