Let num = 3 ,sum =0

for(i = 0; i < num; i++)

    {

        scanf("%d",&temp);

        sum=sum+temp;

    }

Step 1 : i=0

0 < 3 true

Let user give temp=10

Sum= sum+temp;

Sum = 0 + 10 => 10

i= 0 +1 => 1

step 2 : i=1

1 < 3 true

Let user give temp=20

Sum = sum + temp;

Sum= 10+20 => 30

i=1+1 =>2

step 3: i= 2

2< 3 true

Let temp =30

Sum= 30+30 => 60

i=2+1 =>3

step 4: i=3

3 < 3 false

Loop execution is breaked