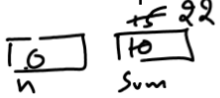
WAP to continuously accept integers from the user and as soon as the user inputs 0 stop accepting numbers and display the sum of all the nos inputted before 0

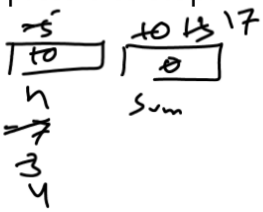
```
SAMPLE OUTPUT
============
Enter nos and press 0 to stop:
10
5
7
0
Sum is 22
```



```
int main()
{
  int n,sum=0;
  printf("Enter nos and press 0 to sto:");
  for( ;  ; )
  {
     scanf("%d",&n);
     if(n==0)
        break;
     sum=sum+n;
  }
printf("Sum is %d",sum);
return 0;
}
```

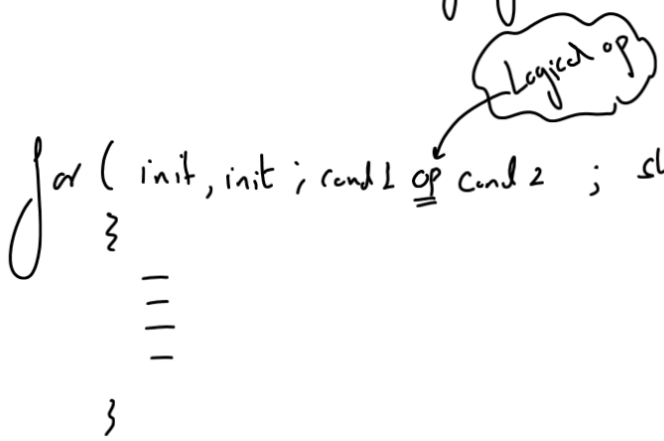
Modify the code so that if the user inputs NEGATIVE nos , your program ignores them.

```
SAMPLE OUTPUT
============
Enter nos and press 0 to stop:
10
-5
-7
3
4
0
Sum is 17
```



```
int main()
{
  int n,sum=0;
  printf("Enter nos and press 0 to sto:");
  for( ;  ; )
  {
    scanf("%d",&n);
     if(n==0)
        break;
     if(n<0)
          continue;
     sum=sum+n;
  }
printf("Sum is %d",sum);
return 0;
```

Various Forms Of "for" Loop




```
int main()
{
    int i, j;

    for(i=1, j=10 ; i<=10 && j>=1 ; i++, j--)
        printf("\n %d %d", i, j);

    return 0;
}
```

O/P		
	1	10
	:	:
	:	:
	:	:
	10	1

Total cond tested: (21)

```
int main()
{
    int i, j;

    for(i=1, j=10; i<=10 || j>=1; i++, j--)
        printf("\n %d %d", i, j);

    return 0;
}
```

O/P

1	10
⋮	⋮
10	1

Total cond tested: (12)

```
int main()
{
    int i, j;

    for(i=1, j=10; i<=10 && j>=5; i++, j--)
        printf("\n %d %d", i, j);

    return 0;
}
```

O/P

1	10
2	9
3	8
4	7
5	6
6	5

Total cond tested: (14)

```
int main()
{
    int i, j;
    for(i=1, j=10 ; i<=10 || j>=5 ; i++, j--)
        printf("\n %d %d", i, j);
    return 0;
}
```

O/P

1	10
2	9
3	8
4	7
5	6
6	5
10	1

Total cond tested: 12.

```
int main()
{
    int i;
    for(i=1 ; i<=10; i++);
        printf("\n %d", i);
    return 0;
}
```

O/P : 11

Programmer's code!

This is very imp!

(compiler's version)

```
for(i=1; i<=10; i++)
{

}
printf("\n %d", i);
```

NULL stmt

→ (11)

$n = 9$

$i = 2, 3$ ——— ~~$n = 18$~~

$n \,\%\, i == 0$

$n = 7$

$i = 2, ~~3, 4, 5~~, 6$

```
int main()
{
    int i,n;
    printf("Enter an int:");
    scanf("%d",&n);
    for(i=2;i<=n-1;i++)
    {
        if(n%i==0)
            break;
    }
    if(i==n)
        printf("It is a prime no");
    else
        printf("It is not a prime no");
    return 0;
}
```