CODE AND OUTPUT FOR SUM OF N NUMBERS

```c
#include<stdio.h>
int main(){
int n,s;
s=0;
printf("Enter the value for n");
scanf("%d",&n);
s=(n*(n+1))/2;
printf("Sum of numbers is %d",s);
}
```

```
root@DESKTOP-ANHJ855:~# vi sumofn.c
root@DESKTOP-ANHJ855:~# gcc sumofn.c -o sumofn.o
root@DESKTOP-ANHJ855:~# ./sumofn.o
Enter the value for n3
Sum of numbers is 6root@DESKTOP-ANHJ855:~# vi sumofn.c
```

CODE AND OUTPUT FOR CHECKING WHETHER A GIVEN NUMBER IS ODD OR EVEN

```c
#include<stdio.h>
int main(){
int n;
printf("Enter the number to be checked");
scanf("%d",&n);
if(n % 2 == 0){
printf("%d is even",n);
}
else{
printf("%d is odd",n);
}
return 0;
}
```

```
root@DESKTOP-ANHJ855:~# vi odd_or_even.c

root@DESKTOP-ANHJ855:~# gcc odd_or_even.c -o odd_or_even.o

root@DESKTOP-ANHJ855:~# ./odd_or_even.o

Enter the number to be checked56

56 is evenroot@DESKTOP-ANHJ855:~#
```