

①. Positive (or) Negative Numbers

```
#include <stdio.h>
```

```
#include <conio.h>
```

```
int main()
```

```
{
```

```
double num;
```

```
printf("Enter a Number : ");
```

```
scanf("%lf", &num);
```

```
if (num < 0.0)
```

```
{
```

```
printf("you entered a negative number");
```

```
else if (num > 0.0)
```

```
{
```

```
printf("you entered a positive number.");
```

```
}
```

```
return 0;
```

```
}
```

Output :

Enter a number : 12.3

you entered a positive number

Q. Even (or) odd numbers

```
#include <stdio.h>
```

```
#include <conio.h>
```

```
int main ()
```

```
{
```

```
    int num;
```

```
    clrscr();
```

```
    printf("Enter an Number :");
```

```
    scanf("%d", &num);
```

```
    if (num % 2 == 0)
```

```
    {
```

```
        printf("%d is even", num);
```

```
    }
```

```
    else {
```

```
        printf("%d is odd", num);
```

```
    }
```

```
    return 0;
```

```
}
```

Output :

Enter a number : 7

is odd

3. Sum of First N Natural Numbers

```
#include <stdio.h>
```

```
#include <conio.h>
```

```
int main ()
```

```
{
```

```
    int n, i, Sum = 0;
```

```
    clrscr();
```

```
    printf ("Enter a positive integer:");
```

```
    scanf ("%d", &n);
```

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

```
        Sum += i; Sum += i;
```

```
    }
```

```
    printf ("Sum = %d", Sum);
```

```
    return 0;
```

```
}
```

Output :

Enter a positive integer : 18

Sum = 171

4. Sum of numbers in a given range

#include <stdio.h>

#include <conio.h>

int main ()

{

int i = 2, r = 7;

int Sum = 0;

clrscr();

for (int i = 1; i <= r; i++)

{

Sum = Sum + i;

}

printf ("The Sum of numbers in the given
range is", Sum);

return 0;

}

Output-

The Sum of the numbers in the given
range is 27