

## Positive or Negative number

```
#include <stdio.h>
#include <conio.h>
int main()
{
    int num;
    printf("Enter a number:");
    scanf("%d", &num);
    if (num > 0)
    {
        printf("The number is positive");
    }
    else if (num < 0)
    {
        printf("The number is negative");
    }
    else
    {
        printf("The number is zero");
    }
    return 0;
}
```

## Even or odd Number

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

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

```
int main()
```

```
{
```

```
    int num;
```

```
    clrscr();
```

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

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

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

```
{
```

```
        printf("The number is even");
```

```
}
```

```
else {
```

```
    printf("The number is odd");
```

```
}
```

```
return 0;
```

```
}
```

## Sum of first N Natural numbers

```
#include <stdio.h>
int main()
{
    int n, sum;
    printf("Enter the value of n:");
    scanf("%d", &n);
    sum = n * (n + 1) / 2;
    printf("Sum of first %d natural numbers = %d\n", n, sum);
    return 0;
}
```

## Sum of numbers in a given range

```
#include <stdio.h>
int main()
{
    int start, end, sum = 0;
    printf("Enter start value:");
    scanf("%d", &start);
    printf("Enter end value:");
    scanf("%d", &end);
    for (int i = start; i <= end; i++)
    {
        sum += i;
    }
    printf("Sum of numbers from %d to %d = %d\n", start, end, sum);
    return 0;
}
```