

## 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 n 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;
```

```
}
```