Printf ()
❖ it stands for print formatted
❖ it is a general function
❖ it can print any type of data

Scanf ()
❖ it stands for scan formatted
❖ it is also general function
❖ it can read any type of data

1.WAP to find the sum of two numbers?

Program
```
#include<stdio.h>
void main()
{
   int a,b,r;
   printf("Enter Two Numbers:");
   scanf("%d%d",&a,&b);
   r=a+b;
   printf("Sum=%d",r);

}
```
Output
Enter Two Numbers:10 20
Sum=30

2.WAP to read 3 subject marks and find the average?

Program
```
#include<stdio.h>
void main()
{
   int m1,m2,m3,total;
   float avg;
   printf("Enter Marks In 3 Subjects:");
   scanf("%d%d%d",&m1,&m2,&m3);
   total=m1+m2+m3;
   avg=total/3;
   printf("Total=%d",total);
   printf("\nAvg=%f",avg);

}
```
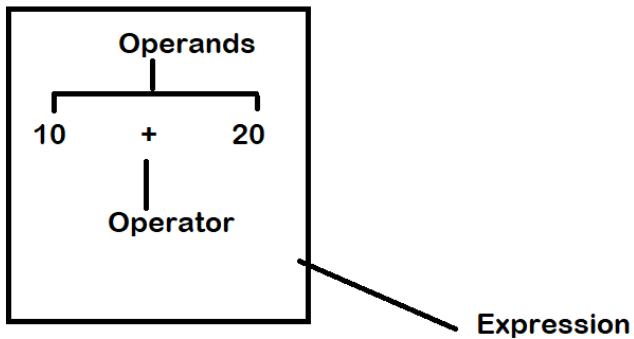## Output
Enter Marks In 3 Subjects:80 90 100
Total=270
Avg=90.000000

Types of Operators In C
1.Arthematic Operators
2.Relational Operators
3.Condional Operators
4.Bitwise Operators
5.Increment or Decrement Operators
6.Logical Operators
7.Special Operators

8.Compound Operators
9.Assigment Operators

Arthematic Operators
The Operators which they change the expression of the operators that type we call it is as arthematic operators

Operator		Expression	Use
+		Plus	Addition
-		Minus	Substraction
/		Divided by	Division
%		Modulus	Modulus
*		Into	Multiplication

If you use "/" it returns quotient
If you use "%" it returns remainder

Logical Operators

And (&&)
Or (||)
Not (!)

AND (&&)
Here if both the conditions are true then it returns true else it returns false

Ex1	Ex2	Result
True	True	True
True	False	False
False	True	False
False	False	False

Or (||)
If any one condition is true then the result will be true else it is false

Ex1	Ex2	Result
True	True	True
True	False	True
False	True	True
False	False	False

Not (!)

If condition is true it will print false if it is false it prints true

Ex1	Res
True	False
False	True

If condition is true it will print false if it is false it prints true

Ex1	Res
True	False
False	True