

Operators :

- i) Arithmetic operators + * - / %
- ii) Relational operators != == < > <= >=
- iii) Logical operators && ||
- iv) Bitwise operators & | ^
- v) Function calling operators ()
- vi) Memory dereferencing operators & *
- vii) Association/Assignment operator c=a+b
- viii) Conditional / Tertiary operator ?:
- comma , operators can be used for separation
- [] array operator

Arithmetic operators

+ - * / %(modulus)

int a=50, b=6,c;

c=a+b

c=a-b

c=a*b

c=a/b // 8.33 (8) division operator can be used to find quotient

c=a%b // it is used to find the remainder

c=a%b=50%6= 2

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

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

```
void main()
```

```
{
```

```
int a, b,c;
```

```
printf("Enter value for a and b\n");
```

```
scanf("%d %d", &a,&b);
```

```
c=a+b;
```

```
printf("\naddition of %d and %d is=%d", a,b,c);
```

```
printf("\nSubstraction of %d and %d is =%d",a,b,a-b);
```

```
printf("\nMultiplication of %d and %d is =%d",a,b,a*b);
```

```
printf("\ndivision of %d and %d is =%d",a,b,a/b);
```

```
printf("\nRemainder of %d and %d is =%d",a,b,a%b);
```

```
//getch();
```

```
}
```

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

```
int main()
```

```
{
```

```
int a, b,c;
```

```
printf("Enter value for a and b\n");
```

```
scanf("%d %d", &a,&b);
```

```
c=a+b;
```

```
printf("\naddition of %d and %d is=%d", a,b,c);
```

```
c=a-b;
```

```
printf("\nSubstraction of %d and %d is =%d",a,b,c);
```

```
c=a*b;
```

```
printf("\nMultiplication of %d and %d is =%d",a,b,c);
```

```
c=a/b;
```

```
printf("\ndivision of %d and %d is =%d",a,b,c);
```

```
c=a%b;
```

```
printf("\nRemainder of %d and %d is =%d",a,b,c);
```

```
return 0;
```

```
}
```

Relational Operators(if , if else, while, for)

!= not equal to

== comparison

< less than

> greater than

<= less than or equal to

```
>= greater than or equal to
float per;
int age;
age>=18 vote
per>=75 distinction
per>=60 and per<75 first class
per>=50 and per<60 second class
```

Logical operators (when we have to merge/join more than one condition)

These operators are used with relational operators

&& ||

eg :

per>=60 && per<75 first class

per>=50 && per<60 second class

eg. swara, ch

ch=='a' || ch=='e' || ch=='i' || ch=='o' || ch=='u'
