

## Arithmetic operations in c++

```
#include<iostream>
using namespace std;
int main()
{
    //By-Ghanendra Yadav
    float a,b,rem;
    int ch,q;

    cout<<"Arithmetic Operatios";
    cout<<"\n1.Addition\n2.Subtraction\n3.Multiplication\n4.Division\n5.Mode";
    cout<<"\n\nEnter Your Choice:\n";
    cin>>ch;

    switch(ch)
    {
    case 1:
    {
        cout<<"\nEnter Two Value le:- Value Of A And B ";
        cin>>a>>b;
        rem=a+b;
        cout<<"\n Result = "<<rem;
        cout<<"\n";
    }
    break;

    case 2:
    {
        cout<<"\nEnter Two Value le:- Value Of A And B";
        cin>>a>>b;
        rem=a-b;
        cout<<"\n Result = "<<rem;
        cout<<"\n";
    }
    break;

    case 3:
    {
        cout<<"\nEnter Two Value le:- Value Of A And B";
        cin>>a>>b;
        rem=a*b;
        cout<<"\n Result = "<<rem;
        cout<<"\n";
    }
    break;
}
```

```

}
break;

case 4:
{
cout<<"\nEnter Two Value le:- Value Of A And B";
cin>>a>>b;

if(a>=b)
{
rem=a/b;
cout<<"\n Result = "<<rem;
cout<<"\n";
}
else
cout<<"\nt 1st Variable Should Be Greater Than 2nd. !!!";
cout<<"\n";
}
break;

case 5:
{
cout<<"\nEnter Two Value le:- Value Of A And B";
cin>>a>>b;
if(a>=b)
{
q=a/b;
rem=a-(b*q);
cout<<"\n Result = "<<rem;
cout<<"\n";
}
else
cout<<"\nt 1st Variable Should Be Greater Than 2nd. !!!";
cout<<"\n";
}
break;
}

return 0;
}

```

```
Arithmetic Operatio
1.Addition
2.Subtraction
3.Multiplication
4.Division
5.Mode
Enter Your Choice:
1
Enter Two Value Ie:- Value Of A And B 2 5
Result = 7
[Program finished]
```