

```

//Temperature scale conversion
#include<iostream>
using namespace std;
int main()
{
    double tin,tout;
    int choice;
    char cont;
    a:cout<<"What do you want to do?\n\n";           //Get the choice of the user
    cout<<"1.Fahrenheit to Celsius\n2.Celsius to Fahrenheit"<<endl;
    cout<<"\nEnter either '1' or '2' "<<endl;
    cin>>choice;
    if (choice==1)
    {
        cout<<"\nEnter the temperature in Fahrenheit"<<endl;           //Get the temp in
Fahrenheit
        cin>>tin;
        tout=(tin-32.0)*5.0/9.0;           //Use the conversion Formula
        cout<<"\nThe temperature in Celsius is "<<tout<<endl;           //Print the answer
        cout<<"\nWant to continue?, Y or N"<<endl;           //Ask the user if they want
to continue
        cin>>cont;
        if (cont=='Y' || cont=='y')
            goto a;
        }
        else if (choice==2)
        {
            cout<<"\nEnter the temperature in Celsius"<<endl;           //Get the temp in Celsius
            cin>>tin;
            tout=9*tin/5+32;           //Use the conversion Formula
            cout<<"The temperature in Fahrenheit is "<<tout<<endl;           //Print the answer
            cout<<"\nWant to continue?, Y or N"<<endl;
            cin>>cont;
            if (cont=='Y' || cont=='y')
                goto a;
            }
            else
            {
                cout<<"Enter a valid choice"<<endl;
                goto a;
            }
            return 0;
        }
    }
}

```



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I'm a physicist specializing in computational material science with a PhD in Physics from Friedrich-Schiller University Jena, Germany. I write efficient codes for simulating light-matter interactions at atomic scales. I like to develop Physics, DFT, and Machine Learning related apps and software from time to time. Can code in most of the popular languages. I like to share my knowledge in Physics and applications using this Blog and a YouTube channel.

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