

```
//sort a list(ascending)
#include <iostream>
using namespace std;
int main()
{
    int i,n,j;
    double temp;
    cout<<"Enter the size of the list"<<endl;
    cin>>n;
    cout<<"Enter the elements of the list\n";
    double a[n];
    for (i=0;i<n;i++)
    {
        cin>>a[i];
    }
    for (i=0;i<n;i++)
    {
        for (j=i;j<n;j++)
        {
            if (a[i]>a[j])
            {
                temp=a[i];
                a[i]=a[j];
                a[j]=temp;
            }
        }
    }
    cout<<"\nThe sorted list is \n";
    for (i=0;i<n;i++)
    {
        cout<<a[i]<<endl;
    }
    return 0;
}
```



Manas Sharma

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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