

3. Write a C++ Program to sort the given list using bubble sort technique.

```
#include<conio.h>
#include<iomanip.h>
int i,temp,j,n,a[15];
class bubble
{
    public: void getdata();
           void sort();
           void display();
};
void bubble::getdata()
{
    cout<<"Enter the range "<<endl; cin>>n;
    cout<<"Enter the element"<<endl;
    for(i=0;i<n;i++)
        cin>>a[i];
}
void bubble::sort()
{
    int i,j,temp;
    for(i=1;i<=n-1;i++)
    {
        for(j=0;j<=n-i-1;j++)
            if(a[j]>a[j+1])
            {
                temp=a[j];
                a[j]=a[j+1];
                a[j+1]=temp;
            }
    }
}
void bubble::display()
{
    cout<<" Elements in sorted are"<<endl;
    for(i=0;i<n;i++)
        cout<<a[i]<<endl;
}
void main()
{
    bubble s;
    clrscr();
    s.getdata();
    s.sort();
    s.display();
    getch();
}
```