//Selection sort

```cpp
#include <iostream>

using namespace std;

int main()
{
  int n;
  cout<<"Enter size of array"<<endl;
  cin>>n;
  float arr[n],flag=0,temp;
  int i,j;
    cout<<"Enter elements of array"<<endl;

  for(int i=0;i<n;i++){
    cin>>arr[i];
  }
  for(i=0;i<n;i++){
    for(j=i+1;j<n;j++){
      if(arr[j]<arr[i]){
        temp=arr[j];
        arr[j]=arr[i];
```

```cpp
            arr[i]=temp;
        }
    }


    }
    for(i=0;i<n;i++){
        cout<<arr[i]<<endl;
    }
    }
```

//bubble sort

```cpp
#include <iostream>

using namespace std;

int main()
{
    int n;
    cout<<"Enter size of array"<<endl;
    cin>>n;
    float arr[n],flag=0,temp;
    int i,j;
        cout<<"Enter elements of array"<<endl;


    for(int i=0;i<n;i++){
```

```cpp
        cin>>arr[i];
    }
    for(i=0;i<n;i++){
        for(j=0;j<n-1;j++){
            if(arr[j]>arr[j+1]){
                temp=arr[j];
                arr[j]=arr[j+1];
                arr[j+1]=temp;
            }
        }

    }
cout<<"Sorted"<<endl;

    for(i=0;i<n;i++){
        cout<<arr[i]<<endl;
    }
    }
```