

BUBBLE SORT :

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#include < iostream >
using namespace std;

void bubbleSort(int a[]) {
    for (int i = 0; i < 5; i++) {
        for (int j = 0; j < (5 - i - 1); j++) {
            if (a[j] > a[j + 1]) {
                int temp = a[j];
                a[j] = a[j + 1];
                a[j + 1] = temp;
            }
        }
    }
}

int main() {
    int myarray[5];
    int size;
    cout << "Enter 5 integers in any order: " << endl;
    for (int i = 0; i < 5; i++) {
        cin >> myarray[i];
    }
    cout << "Before Sorting" << endl;
    for (int i = 0; i < 5; i++) {
        cout << myarray[i] << " ";
    }

    bubbleSort(myarray); // sorting

    cout << endl << "After Sorting" << endl;
    for (int i = 0; i < 5; i++) {
        cout << myarray[i] << " ";
    }

    return 0;
}
```