

INSERTION SORT :

```
#include <iostream >
using namespace std;

void insertionSort(int arr[]) {
    int key;
    int j = 0;
    for (int i = 1; i < 5; i++) {
        key = arr[i];
        j = i - 1;
        while (j >= 0 && arr[j] > key) {
            arr[j + 1] = arr[j];
            j = j - 1;
        }
        arr[j + 1] = key;
    }
}

int main() {
    int myarray[5];
    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] <<< " ";
    }

    insertionSort(myarray);

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

    return 0;
}
```