INSERTION SORT

```cpp
#include <iostream>

using namespace std;

void insertionSort(int arr[], int n) {

    for (int i = 1; i < n; i++) {

        int key = arr[i];        // Element to be inserted

        int j = i - 1;

        // Move elements that are greater than key

        // to one position ahead

        while (j >= 0 && arr[j] > key) {

            arr[j + 1] = arr[j];

            j--;

        }

        arr[j + 1] = key;    // Insert the key at correct position

    }

}

int main() {

    int n;

    cout << "Enter number of elements: ";

    cin >> n;

    int arr[n];

    cout << "Enter elements:\n";

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

        cin >> arr[i];

    }
```

```cpp
    insertionSort(arr, n);

    cout << "Sorted array:\n";

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

            cout << arr[i] << " ";

        }

    return 0;

}
```

Output

```
Enter number of elements: 5
Enter elements:
2 6 8 1 3
Sorted array:
1 2 3 6 8

=== Code Execution Successful ===
```