Selection Sort

```cpp
#include <iostream>

using namespace std;

int main() {

    int n;

    cout << "Enter number of elements: ";

    cin >> n;

        int a[n];

    cout << "Enter elements:\n";

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

        cin >> a[i];

    for(int i = 0; i < n - 1; i++) {

        int minIndex = i;

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

            if(a[j] < a[minIndex])

                minIndex = j;

        }

        int temp = a[i];

        a[i] = a[minIndex];

        a[minIndex] = temp;

    }

    cout << "Sorted array:\n";

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

        cout << a[i] << " ";

    return 0;

}
```

Output

```
Enter number of elements: 3
Enter elements:
8 6 4
Sorted array:
4 6 8

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