🧑‍💻 Selection Sort

```cpp
#include<iostream>
using namespace std;
class select {
    int n, a[15], i;
    public:
    void getData();
    void sort();
    void display();
};

void select::getData() {
    cout<<"Enter the range: ";
    cin>>n;
    for (i = 0; i < n; i++) {
        cout<<"Enter the "<<i + 1<<" element: ";
        cin>>a[i];
    }

    cout<<"\nThe array before sorting:\n";
    for (i = 0; i < n; i++)
    cout<<a[i]<<" ";

    sort();
}

void select::sort() {
    int j, minim, temp;
    for (i = 0; i < n; i++) {
        minim = i;
        for (j = i + 1; j < n; j++) {
            if (a[j] < a[minim])
            minim = j;
        }

        temp = a[i];
        a[i] = a[minim];
        a[minim] = temp;
    }

    display();
```

```
    }

    void select::display() {
        cout<<"\nThe array after sorting:\n";
        for (i = 0; i < n; i++)
        cout<<a[i]<<" ";
    }

    int main() {
        select S;
        S.getData();
        return 0;
    }
```