Bubble Sorting in Array

Index	0	1	2	3
Array	2	9	8	1

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

Index	0	1	2	3
1st iteration	2	9	8	1
2nd iteration	2	8	9	1
3rd Iteration	2	8	1	9

}

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

Index	0	1	2	3
1st iteration	2	8	1	9
2nd iteration	2	1	8	9
3rd Iteration	2	1	8	9

}

for (int i = 2; i < n-1; i++) {

Index	0	1	2	3
1st iteration	1	2	8	9
2nd iteration	1	2	8	9
3rd Iteration	1	2	8	9

}

Sorted Array

Index	0	1	2	3
Array	1	2	8	9