

## 2) (5 pts) ALG (Sorting)

Show the result after each iteration of performing Selection Sort, where we select for the **maximum** element in each iteration, on the array show below. For convenience, the result after the first and last iterations are provided. The first row (iteration 0) of the table contains the original values of the array.

Iteration	Index 0	Index 1	Index 2	Index 3	Index 4	Index 5	Index 6	Index 7
0	13	11	9	16	12	15	10	5
1	13	11	9	5	12	15	10	16
2	13	11	9	5	12	10	15	16
3	10	11	9	5	12	13	15	16
4	10	11	9	5	12	13	15	16
5	10	5	9	11	12	13	15	16
6	9	5	10	11	12	13	15	16
7	5	9	10	11	12	13	15	16

**Grading: 1 pt for each row, row has to be completely correct to get the point.**