2) (5 pts) ALG (Sorting)

Show the result after each iteration of performing Insertion Sort on the array shown below. For convenience, the result after the first and last iteration are provided. The first row 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	6	9	27	3	15	1	12
1	6	13	9	27	3	15	1	12
2	6	9	13	27	3	15	1	12
3	6	9	13	27	3	15	1	12
4	3	6	9	13	27	15	1	12
5	3	6	9	13	15	27	1	12
6	1	3	6	9	13	15	27	12
7	1	3	6	9	12	13	15	27

Grading: 1 pt per row, must get the whole row correct to get the point.