Code Challenge: Implement **GreedySorting**.

- **Input:** A permutation *P*.
- **Output:** The sequence of permutations corresponding to applying **GreedySorting** to *P*, ending with the identity permutation.

Sample Input:

-3 +4 +1 +5 -2

Sample Output:

(1) -1 -4 +3 +5 -2
(2) +1 -4 +3 +5 -2
(3) +1 +2 -5 -3 +4
(4) +1 +2 +3 +5 +4
(5) +1 +2 +3 -4 -5
(6) +1 +2 +3 +4 -5
(7) +1 +2 +3 +4 +5

Note:
Numbering each step as the example shown above