3	0	1
1	2	3

→

→ ans

1	0	3
1	2	3

num [i] == num [num [i]]

3 == 1 & Swap

1	0	3
1	2	3

1 == 1 ✓   i++

i=1

9	6	4	2	3	5	7	0	1

1 2 3 4 5 6 7 8 9

num [i] != num [num [i]]

(Scoop)

9 == 1 ✗

1	6	4	2	3	5	7	0	9

1 2 3 4 5 6 7 8 9

1 == 1 ✓   i++ ⟹ i = 2

6 == 5 ✗

1	5	4	2	3	6	7	0	9

1 2 3 4 5 6 7 8 9

5 == 3 ✗

1	3	4	2	5	6	7	0	9

1 2 3 4 5 6 7 8 9

3 == 4 ✗

1	4	3	2	5	6	7	0	9

1 2 3 4 5 6 7 8 9

4 == 2 ✗

1	2	3	4	5	6	7	0	9

1 2 3 4 5 6 7 8 9

9	6	4	2	3	5	7	0	1
0	1	2	3	4	5	6	7	8

i $\rightarrow$