Insertion Sort

Every item is compared to every item to its left. If it is smaller, it swaps position with the item

2 8 3 1 5

There is no item to the left of **2**, so it stays in place

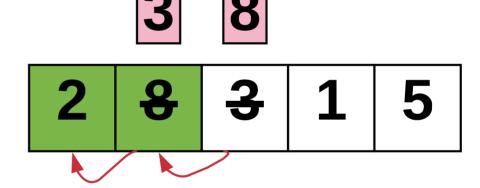
2 8 3 1 5

8 is greater than **2** so it stays in position

2 8 3 1 5

3 is less than than **8** so they swap position.

3 is greater than 2 so stays in position

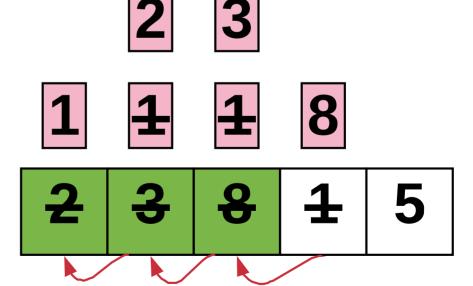


1 is less than 8 so swaps position

1 is less than 3 so swaps position

1 is also less than **2** so swaps position.

1 has moved to the first position



5 is the last item in the array. It is less than **8** so swaps position

5 is compared with every other item in the array but is greater than all so it remains in its position

The array is now sorted

