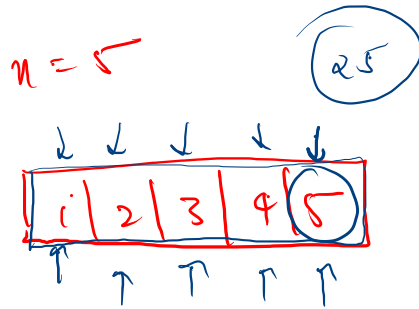Take the array of size n and their values from user. And Print all the permutation pairs in the array from the last.

```
5
1 2 3 4 5
```

Sample Output 0

```
5 5
5 4
5 3
5 2
5 1
4 5
4 4
4 3
4 2
4 1
3 5
3 4
3 3
3 2
3 1
2 5
2 4
2 3
2 2
2 1
1 5
1 4
1 3
1 2
1 1
```

$n = 5$ (25)

$$\text{for}(\text{int } i = n-1; \ i \geq 0; \ i++) \ \{$$
$$\text{for}(\text{int } j = n-1; \ j \geq 0; \ \{$$

Permutations → arrangement

(   )