

Problem 670: Maximum Swap

Problem Information

Difficulty: Medium

Acceptance Rate: 51.91%

Paid Only: No

Tags: Math, Greedy

Problem Description

You are given an integer `num`. You can swap two digits at most once to get the maximum valued number.

Return _the maximum valued number you can get_.

Example 1:

Input: num = 2736 **Output:** 7236 **Explanation:** Swap the number 2 and the number 7.

Example 2:

Input: num = 9973 **Output:** 9973 **Explanation:** No swap.

Constraints:

$0 \leq \text{num} \leq 10^8$

Code Snippets

C++:

```
class Solution {
public:
    int maximumSwap(int num) {
```

```
}  
};
```

Java:

```
class Solution {  
    public int maximumSwap(int num) {  
  
    }  
}
```

Python3:

```
class Solution:  
    def maximumSwap(self, num: int) -> int:
```