

# Problem 3114: Latest Time You Can Obtain After Replacing Characters

## Problem Information

Difficulty: Easy

Acceptance Rate: 34.83%

Paid Only: No

Tags: String, Enumeration

## Problem Description

You are given a string `s` representing a 12-hour format time where some of the digits (possibly none) are replaced with a `"?"`.

12-hour times are formatted as `"HH:MM"`, where `HH` is between `"00"` and `"11"`, and `MM` is between `"00"` and `"59"`. The earliest 12-hour time is `"00:00"`, and the latest is `"11:59"`.

You have to replace **all** the `"?"` characters in `s` with digits such that the time we obtain by the resulting string is a **valid** 12-hour format time and is the **latest** possible.

Return `_the resulting string_`.

**Example 1.**

**Input:** `s = "1?:?4"`

**Output:** `"11:54"`

**Explanation:** The latest 12-hour format time we can achieve by replacing `"?"` characters is `"11:54"`.

**Example 2.**

**Input:** `s = "0?:5?"`

**\*\*Output:\*\*** "09:59"

**\*\*Explanation:\*\*** The latest 12-hour format time we can achieve by replacing `?"` characters is `09:59`.

**\*\*Constraints:\*\***

\* `s.length == 5` \* `s[2]` is equal to the character `:"`. \* All characters except `s[2]` are digits or `?"` characters. \* The input is generated such that there is **at least** one time between `00:00` and `11:59` that you can obtain after replacing the `?"` characters.

## Code Snippets

### C++:

```
class Solution {
public:
    string findLatestTime(string s) {

    }
};
```

### Java:

```
class Solution {
    public String findLatestTime(String s) {

    }
}
```

### Python3:

```
class Solution:
    def findLatestTime(self, s: str) -> str:
```