

# 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:
```