Time Conversion

Given a time in 12-hour AM/PM format, convert it to military (24-hour) time.

Note

12:00:00AM on a 12-hour clock is 00:00:00 on a 24-hour clock.

12:00:00PM on a 12-hour clock is 12:00:00 on a 24-hour clock.

Input Format

First line contains a 12-hour clock time as a string s.

Output Format

Print the 24-hour clock time.

Example 1

Input

```
07:05:45PM
```

Output

```
19:05:45
```

Explanation

As the problem states "codeleet" becomes "leetcode" after shuffling.

Example 2

Input

`12:01:00PM`

Output

`12:01:00`

Explanation

No shuffling is done here.

Constraints

All valid 12-hour clock times.

s.length() == 10

My code

```
// n java
import java.util.*;
import java.lang.*;
import java.io.*;

public class Main
{
```

```java
    public static void main (String[] args) throws
java.lang.Exception
    {
        //your code here
    Scanner s=new Scanner(System.in);
    String str=s.next();
    String str1=str.substring(0,2);
    char ch=str.charAt(8);
    int n=Integer.parseInt(str1);
  if((ch=='A' )&&(n==12)) { n=0;}
    if((ch=='P' )&&(n<12)) { n+=12;}
    if(n<10)  System.out.print("0"+"");
     System.out.print(n);
       for (int i = 2; i <= 7; i++)
          System.out.print(str.charAt(i));



    }
}
```