

Validate Time(---RETIRED---)

Grade settings: Maximum grade: 100

Disable external file upload, paste and drop external content: Yes

Based on: [Validate Time\(---RETIRED---\)](#)

Run: Yes **Evaluate:** Yes

Automatic grade: Yes

Obtain a time string as input in the following format '**hh:mm** am' or '**hh:mm** pm'.
Write code to validate it using the following rules:

- It should be a valid time in 12 hrs format
- It should have case insensitive AM or PM

Include a class **UserMainCode** with a static method **validateTime** which accepts a string.

If the given time is as per the given rules then return 1 else return -1.If the value returned is 1 then print as Valid time else print as Invalid time.

Create a **Main** class which gets time(string value) as an input and call the static method validateTime present in the UserMainCode.

Input and Output Format:

Input is a string .

Output is a string .

Sample Input 1:

09:59 pm

Sample Output 1:

Valid time

Sample Input 2:

10:70 AM

Sample Output 2:

Invalid time

Qualifier Assessment Validate T... x

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File List Save All Compile & Run Evaluate Reset Restore Description

File list Main.java UserMainCode.java

```
1 import java.util.Scanner;
2
3 public class Main {
4     public static void main(String args[]) {
5         Scanner sc=new Scanner(System.in);
6         String date=sc.nextLine();
7         int result=UserMainCode.validateTime(date);
8         if(result==1)
9             System.out.println("Valid time");
10        else
11            System.out.println("Invalid time");
12    }
13 }
14
15
16 }
```

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File List Save All Compile & Run Evaluate Reset Restore Description

File list Main.java UserMainCode.java

```
1
2 public class UserMainCode {
3     public static int validateTime(String str) {
4         //fill the code
5     }
6 }
7
8
9 }
```

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