# Problem 2 – Chat Logger

Write a PHP program that receives **several messages** and **the current date**, **sorts those messages by date** and prints **the time from the last message to the current date**.

The messages will be in the format **[message] / [date]**, where **date** is in the format **dd-mm-YYYY hours:min:secs**. The messages should be **sorted by date** and their text should be printed in **<div></div>** tags on a separate line. For example we are given the current date **12-08-2014 10:14:23** and the following messages:

Thanks :) / 11-08-2014 22:54:52

Hey John, happy birthday! / 10-08-2014 00:00:00

After sorting the messages by date in ascending order (from oldest to most recent), the result is:

<div>Hey John, happy birthday!</div>

<div>Thanks :)</div>

Finally, the time since the most recent message should be printed in the following way:

* **a few moments ago** if it was less than 1 minute ago
* **[full minutes] minute(s) ago** if it was less than 1 hour ago
* **[full hours] hour(s) ago** if it was less than 24 hours ago **on the same day**
* **yesterday** if it was the previous date, regardless of the time difference
* **[date]** if it was earlier than yesterday, where **date** is in the format **dd-mm-YYYY**

The resulting timestamp should be printed as follows: **<p>Last active: <time>[timestamp]</time></p>**. In this case, the difference between the current date and the last message is 11 full hours, but since the message's day is 1 day before the current day, we print yesterday:

<p>Last active: <time>**yesterday**</time></p>

### Input

The input will be read from an **HTTP GET request**. The **current time** will come from **input text field 'currentTime'**. The **messages** come from a **textarea 'messages'**, holding **each message on a separate line**.

### Output

Each message should be printed in its own **<div></div>** tags, on a separate line. On the final line, the difference between the current date and the last message date should be printed in the format described above. Ensure the HTML special characters are correctly encoded (use **htmlspecialchars()** in PHP).

### Constraints

* All input dates will be in format **dd-mm-YYYY hours:min:secs**.
* The received messages will always be in the format **[message] / [date]**.
* There will be exactly one message on a single line.
* There will be no messages with the same date.
* The current date will always be after any message's date.

### Examples

|  |  |  |
| --- | --- | --- |
| **Input** | | **Output** |
| currentDate | 12-08-2014 10:14:23 | <div>Hey John, happy birthday!</div>  <div>Thanks :)</div>  <p>Last active: <time>yesterday</time></p> |
| messages | Thanks :) / 11-08-2014 22:54:52  Hey John, happy birthday! / 10-08-2014 00:00:00 |

|  |  |  |
| --- | --- | --- |
| **Input** | | **Output** |
| currentDate | 29-08-2014 15:33:11 | <div>Zdravey, kak mina izpita?</div>  <div>Brat sgashtiha me da prepisvam i me karat v raionnoto..</div>  <div>Kaji na mama che q obicham</div>  <p>Last active: <time>a few moments ago</time></p> |
| messages | Kaji na mama che q obicham / 29-08-2014 15:32:23  Zdravey, kak mina izpita? / 29-08-2014 15:30:32  Brat sgashtiha me da prepisvam i me karat v raionnoto.. / 29-08-2014 15:30:58 |

|  |  |  |
| --- | --- | --- |
| **Input** | | **Output** |
| currentDate | 29-08-2014 17:33:11 | <div>Wanna grab some snacks?</div>  <div>Sure, be right there in a minute!</div>  <p>Last active: <time>25-08-2014</time></p> |
| messages | Wanna grab some snacks? / 24-08-2014 16:33:12  Sure, be right there in a minute! / 25-08-2014 22:06:13 |