# Problem 1 – Date Sorter

Every PHP programmer should know how to use dates. This is a simple problem for you to learn this valuable skill.

Write a PHP script that takes as input a **list of dates, parses** all **valid** dates, **sorts** them in **ascending order** and displays them as **HTML list** where the dates before the current date are displayed in **italic** **(surrounded by <em></em> tags).**

For **example**, if the **date** is "**21-12-2014**" and the **current date** is **12-01-2015**, the **date** is displayed **italic.** If the **date** is " **2015-01-30**", it is displayed normally.

The output should be a HTML list **<ul><li>…</li></ul>**. Every date should be in the format **[DD/MM/YYYY]**.

\*HINT\*: Use PHP DateTime objects.

### Input

The input will be read from an **HTTP GET** **request** holding parameters named **list** and **currDate**, specifying the list of strings and the current date. The input strings are separated one from another by a new line. All whitespace at the start and at the end of each line is ignored, as well as lines holding only whitespace.

### Output

The output is the **HTML list** holding the sorted dates in ascending order. See the example below.

### Constraints

* The **list** is a text area holding strings, each at separate line, eventually with whitespace at its ends. The list will hold only **ASCII** characters (no Unicode). If the line is holding a date, it will always be a valid date.
* The **currDate** is a text field holding the current date. It will always be a valid date.
* Allowed working time: 0.2 seconds. Allowed memory: 16 MB.

### Example

|  |  |  |
| --- | --- | --- |
| **Input** | | **Output in the Browser** |
| list | 21-12-2014  2015-01-30  12/22/2014 |  |
| currDate | 12-01-2015 |
| **Output** | | |
| <ul><li><em>21/12/2014</em></li><li><em>22/12/2014</em></li><li>30/01/2015</li></ul> | | |

|  |  |  |
| --- | --- | --- |
| **Input** | | **Output in the Browser** |
| list | 12 june 2014  date  dec 25 2015 |  |
| currDate | 12-01-2015 |
| **Output** | | |
| <ul><li><em>12/06/2014</em></li><li>25/12/2015</li></ul> | | |