# Problem 2 – Working Days

Summer is coming to an end and it’s time for people to go back to work – including you. Well, who needs the beach when you have PHP exams! Right..? …

Your task is to write a PHP program that reads **2 dates** and **several holidays**, **calculates the workdays in that period**, and prints each workday date in the format **"d-m-Y"** in an **ordered list in HTML**.

Assume that a workday is any day of the week from **Monday** to **Friday** and is NOT in the given holidays. For example, we are given the dates: **17-12-2014** and **31-12-2014** and the holidays **31-12-2014**, **24-12-2014**, **08-12-2014**. There are 14 days in the time period between 17**-**12-2014 and 31-12-2014. After **subtracting all weekends** (**Saturdays** and **Sundays**) and **holidays**, there are a total of **9 workdays left**. Finally, we print each of those dates as **list items** in an **ordered list**.

1. 17-12-2014
2. 18-12-2014
3. 19-12-2014
4. 22-12-2014
5. 23-12-2014
6. 25-12-2014
7. 26-12-2014
8. 29-12-2014
9. 30-12-2014

In case no workdays are found, only print "**No workdays**" in **<h2></h2>** heading tags.

### Input

The input will be read from an **HTTP GET request**. The **first date** will be received from a **text** **input field with name 'dateOne'**. The **second date** will be received from a **text input field with name 'dateTwo'**. The **holidays** will be received from a **textarea with name 'holidays', holding each holiday on a separate line**.

### Output

If there are no workdays in the given period, "**No workdays**" should be printed. Otherwise, print each workday in **<li></li>** tags in an ordered list **<ol></ol>**. The output should be formatted exactly like in the example below.

### Constraints

* The **holidays** will be no more than 10.
* All dates will be in the format "**d-M-Y**".
* Date two will **NOT** be before date one.

### Examples

|  |  |  |
| --- | --- | --- |
| **Input** | | **Output** |
| dateOne | 17-12-2014 | <ol>  <li>17-12-2014</li>  <li>18-12-2014</li>  <li>19-12-2014</li>  <li>22-12-2014</li>  <li>23-12-2014</li>  <li>25-12-2014</li>  <li>26-12-2014</li>  <li>29-12-2014</li>  <li>30-12-2014</li>  </ol> |
| dateTwo | 31-12-2014 |
| holidays | 31-12-2014  24-12-2014  08-12-2014 |
| **Input** | | **Output** |
| dateOne | 16-08-2014 | <h2>No workdays</h2> |
| dateTwo | 17-08-2014 |
| holidays | 32-12-2014  14-09-2014  10-10-2014 |