# Problem 1 – Text Abbreviator

Write a PHP script that takes as input a **list of strings** and displays them as **HTML list** where the lines longer than certain length are **abbreviated** while all others are displayed fully.

For **example**, if the text is "*To define a table in HTML use <table>, <td> and <tr> tags.*" and the length is 50, the abbreviated text is "*To define a table in HTML use <table>, <td> and <t...*" (50 characters + 3 characters "**...**").

The output should be a HTML list **<ul><li>…</li></ul>**. Ensure you encode correctly in the output all HTML special characters like **&**, **<**, **>** and **"** (use **htmlspecialchars()** function in PHP).

### Input

The input will be read from an **HTTP GET** **request** holding parameters named **list** and **maxSize**, specifying the list of strings and the abbreviation limit. 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 input strings, where longer strings are abbreviated. 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).
* The **maxSize** is a text field holding an integer number in the range [1…1000].
* Allowed working time: 0.2 seconds. Allowed memory: 16 MB.

### Example

|  |  |
| --- | --- |
| **Input** | |
| list | Java is an object-oriented programming language.  PHP is a server-side scripting language.  HTML is the standard markup language used to create web pages.  To define a table in HTML use <table>, <td> and <tr> tags. |
| maxSize | 50 |
| **Output** | |
| <ul><li>Java is an object-oriented programming language.</li><li>PHP is a server-side scripting language.</li><li>HTML is the standard markup language used to creat...</li><li>To define a table in HTML use &lt;table&gt;, &lt;td&gt; and &lt;t...</li></ul> | |
| **Output in the Browser** | |
|  | |