# Problem 1 – Drop It

Write a PHP program that reads a **text** from a textarea and **several settings** and **modifies the text** according to these settings. You will receive 3 fields – **minimum font size**, **maximum font size** and **step**. Each text character should be printed in **<span></span>** tags. The first character starts with the minimum font size, printed as a style in the span tag in format:

|  |
| --- |
| <span style="**[fontSize];**">**[character]**</span> |

Each consecutive character should be printed the same way. If the character is a **letter**, the font size for the next character should **increment by the** **step** until it reaches or passes over the maximum font size. Then it should start **decrementing** **by the step** until it reaches its minimum font size. Then it should start increasing again, and so on. For example, if **minFontSize=4**, **maxFontSize=8** and **step=3**, the font size will change as follows: 4, 7, 10, 7, 4, 7, 10, 7, …

Each character, whose **ASCII value is an even number** should be **~~stroke~~** using the style "**text-decoration:line-through;**". If the ASCII value of the character is odd, this style should be omitted.

### Input

The input will be read from an **HTTP GET request**. The **text** will be received from a **textarea named 'text'**. The **minimum font size** will be received from a **text field 'minFontSize'**. The **maximum font size** will be received from a **text field 'maxFontSize'**. The **step** will be received from a **text field 'step'**.

### Output

Each character should be printed in its own **<span></span>** tags. Ensure you escape the characters in the output using **htmlspecialchars()**. Follow the output format from the examples below.

### Constraints

* All characters will be valid **ASCII** symbols.
* The **maximum** and **minimum** **font size** will be integer numbers in the range [1…100].
* The **step** will be an integer number in the range [1...10].

### Examples

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Input** | | | | | **Output (Visualized)** |
| text | Hi PHP5 |  | step | 3 |  |
| minFontSize | 4 | maxFontSize | 8 |
| **Output** | | | | | |
| <span style='font-size:4;text-decoration:line-through;'>H</span><span style='font-size:7;'>i</span><span style='font-size:10;text-decoration:line-through;'> </span><span style='font-size:10;text-decoration:line-through;'>P</span><span style='font-size:7;text-decoration:line-through;'>H</span><span style='font-size:4;text-decoration:line-through;'>P</span><span style='font-size:7;'>5</span> | | | | | |
| Explaination: we start at font size **4**.  The first letter '**H**' has ASCII code 72 (even). We print '**H**' stroke in font size 4. We increase the font: 4 + 3 = **7**.  The next character is the letter '**i**' (odd). We print '**i**' normal in font size **7**. We increase the font: 7 + 3 = **10**.  The next character is space ' ' (even). We print ' ' stroke in font size **10**. We don't change the font size.  The next character is letter '**P**' (even). We print '**P**' stroke in font size **10**. We decrease the font: 10 - 3 = **7**.  The next character is letter '**H**' (even). We print '**H**' stroke in font size **7**. We decrease the font: 7 - 3 = **4**.  … | | | | | |