### Input

**Example for a valid message:**

**"$Request$: [73]|[115]|[32]|"**

### Output

* The **possible** outputs are:
* **"{tag}: {decryptedMessage}"**
* **"Valid message not found!"**

### Examples

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comment** |
| 4  $Request$: [73]|[115]|[105]|  %Taggy$: [73]|[73]|[73]|  %Taggy%: [118]|[97]|[108]|  $Request$: [73]|[115]|[105]|[32]|[75]| | Request: Isi  Valid message not found!  Taggy: val  Valid message not found! | We have 4 input lines to check. The first one follows the rules and is valid. The second one doesn’t because the tag is surrounded by both '%' and '$'. The third one also is valid message. The last one is invalid because it has more than 3 groups of numbers. |
| 3  This shouldnt be valid%Taggy%: [118]|[97]|[108]|  $tAGged$: [97][97][97]|  $Request$: [73]|[115]|[105]|true | Valid message not found!  Valid message not found!  Valid message not found! |  |

### JS Example

The input will be provided as an array of strings**.**

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comment** |
| (["4",  "$Request$: [73]|[115]|[105]|",  "%Taggy$: [73]|[73]|[73]|",  "%Taggy%: [118]|[97]|[108]|",  "$Request$: [73]|[115]|[105]|[32]|[75]|"]) | Request: Isi  Valid message not found!  Taggy: val  Valid message not found! | We have 4 input lines to check. The first one follows the rules and is valid. The second one doesn’t because the tag is surrounded by both '%' and '$'. The third one also is valid message. The last one is invalid because it has more than 3 groups of numbers. |
| (["3",  "This shouldnt be valid%Taggy%: [118]|[97]|[108]|",  "$tAGged$: [97][97][97]|",  "$Request$: [73]|[115]|[105]|true"]) | Valid message not found!  Valid message not found!  Valid message not found! |  |