

# Word Filter Project Requirements

The completed project should work like this:

- A webpage with a textbox and a submit button. Clicking the submit button sends the text in the textbox to the server with an ajax request.
- The server receives the text from the webpage, and replaces words in the list below with asterisks(\*).
- It should only replace exact whole words, and each character should be replaced with an asterisk.
- The filtered text is sent back to the webpage in the ajax response, which then displays it above the textbox.
- Clicking the button again should repeat the process: the text is sent to the server, filtered, then displayed above the textbox.

EXAMPLE INPUT:

"water maverick heatsink blue rocketking"

EXAMPLE OUTPUT:

"water \*\*\*\*\* heatsink blue \*\*\*\*\*"

Notice that:

- "maverick" was replaced with 8 asterisks because it has 8 characters
- "heatsink" was NOT replaced even though it contains "heat" because "sink" is not in the list
- "rocketking" was replaced because both "rocket" and "king" are in the list

WORDLIST = [

"maverick",  
"ranger",  
"rocket",  
"chicago",  
"bear",  
"wizard",  
"seattle",  
"atlanta",  
"miami",  
"austin",

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"boston",  
"pittsburgh",  
"heat",  
"saint",  
"hawk",  
"king"  
]
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#### OPTIONAL BONUS PROBLEM

Also allow the user to input a custom word list on the same webpage.  
Design is up to you.

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