

# EXAMPLE 4: USING THE `console.log` FUNCTION FOR DEBUGGING

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SO FAR, WE HAVE SEEN 2 FUNCTIONS THAT COME BUILT-IN WITH ALL BROWSERS

**prompt**

TO GET INPUT  
FROM THE USER

**alert**

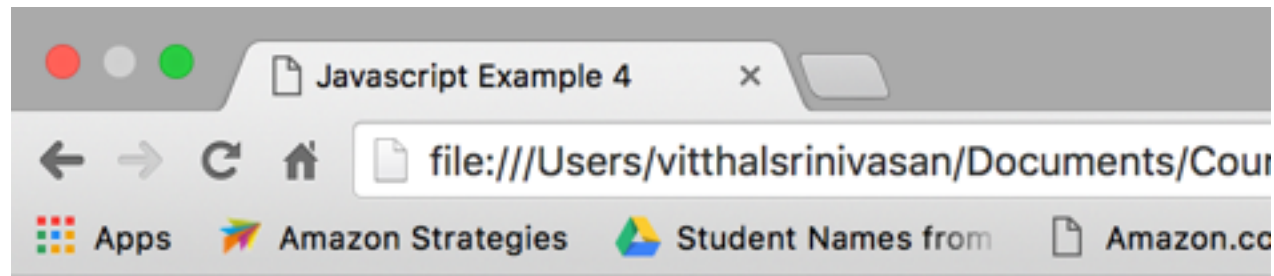
TO SEND A MESSAGE  
TO THE USER

**alert**  
TO SEND A  
MESSAGE TO THE

**console.log**

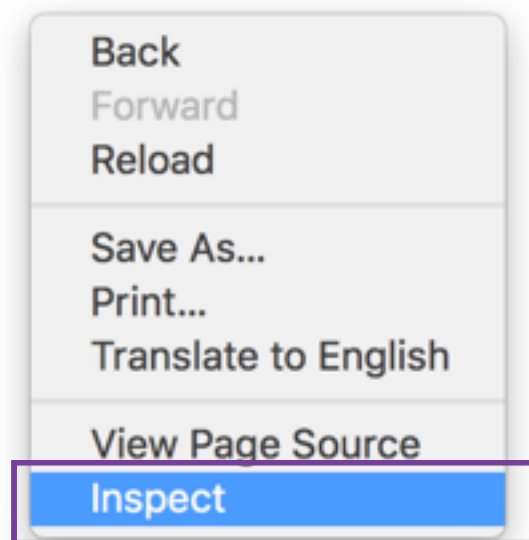
IS A LESS INTRUSIVE, MORE DEVELOPER-FRIENDLY  
WAY TO SEND MESSAGES THAN **alert**

TO USE IT, SIMPLY RIGHT-CLICK AND  
CHOOSE "INSPECT ELEMENT" IN CHROME



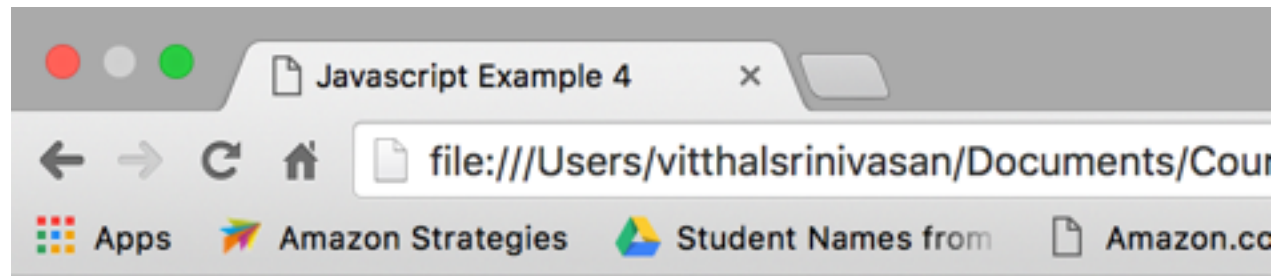
## Our fourth Javascript example

This page will prompt you for a number and do some stuff with it



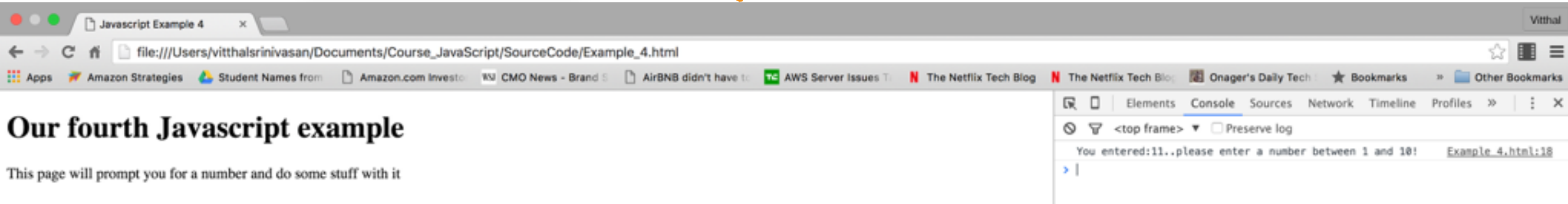
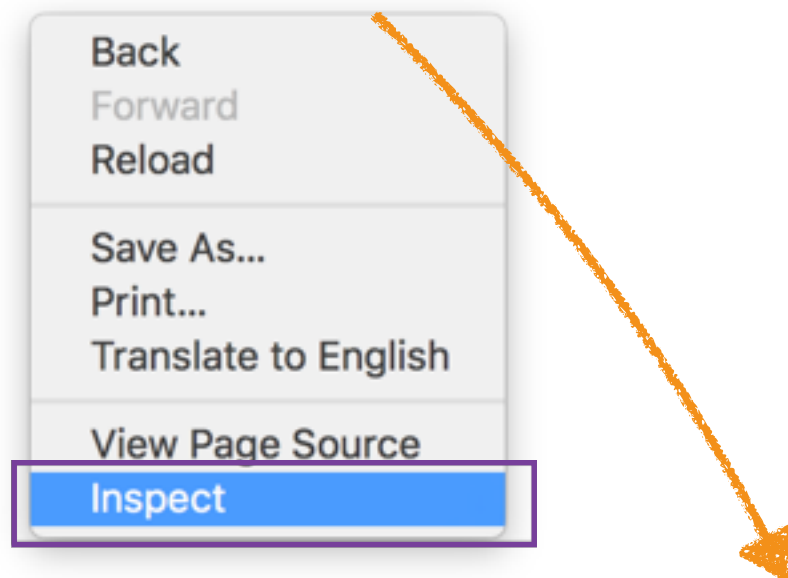
**console.log**  
IS A LESS INTRUSIVE,  
MORE DEVELOPER-  
FRIENDLY WAY TO SEND

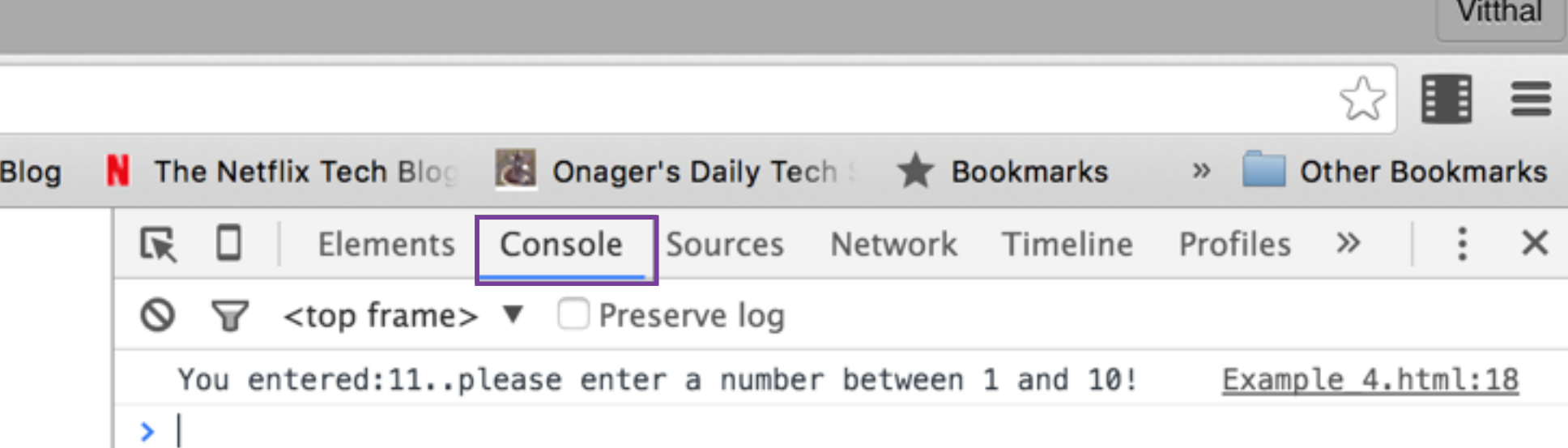
TO USE IT, SIMPLY RIGHT-CLICK AND  
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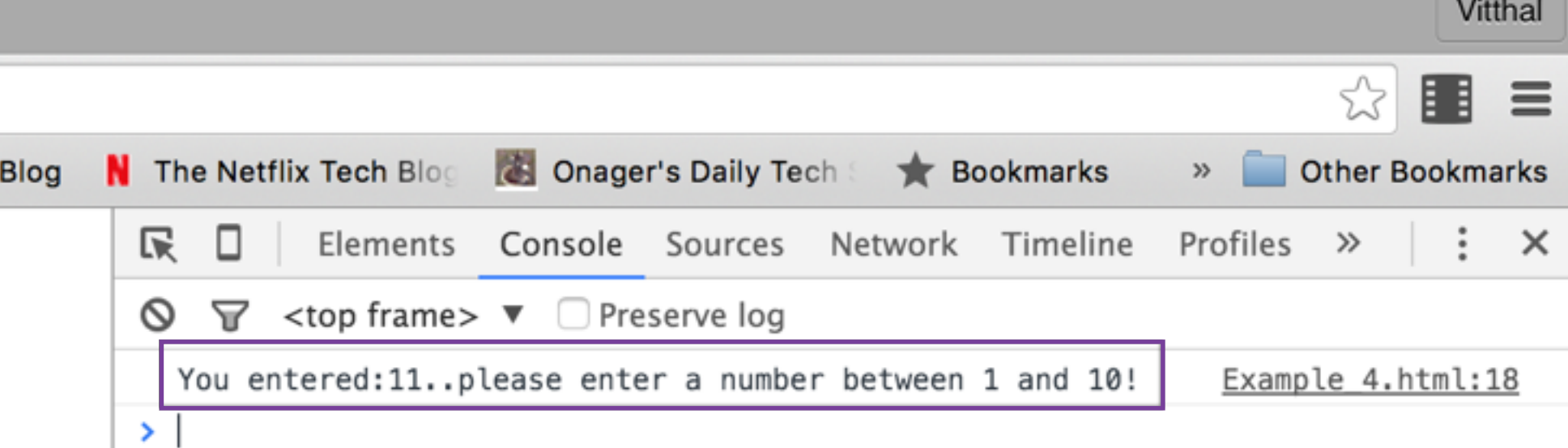
# Our fourth Javascript example

This page will prompt you for a number and do some stuff with it





```
function printHelloWorld() {  
    var userInput = prompt("Please enter a number between 1  
and 10");  
    if(userInput >= 1 && userInput <= 10) {  
        for (var i = 0;i<userInput;i++) {  
            document.write("<br/> " + i + ". That message has been  
written.</br>");  
        }  
    }  
    else {  
        //alert("You entered:" + userInput + "..please enter a  
number between 1 and 10!");  
        console.log("You entered:" + userInput + "..please  
enter a number between 1 and 10!");  
    }  
}
```



```
function printHelloWorld() {  
    var userInput = prompt("Please enter a number between 1  
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    if(userInput >= 1 && userInput <= 10) {  
        for (var i = 0;i<userInput;i++) {  
            document.write("<br/> " + i + ". That message has been  
written.</br>");  
        }  
    }  
    else {  
        //alert("You entered:" + userInput + "..please enter a  
number between 1 and 10!");  
        console.log("You entered:" + userInput + "..please  
enter a number between 1 and 10!");  
    }  
}
```

USERS WILL ALMOST NEVER TAKE THE TROUBLE TO CHECK OUT THE CONSOLE - ITS A DEBUGGING AID FOR DEVELOPERS.

**console.log**

IS A PART OF THE DEVELOPER CONSOLE, WHICH IS A POWERFUL SET OF TOOLS FOR DEBUGGING JAVASCRIPT