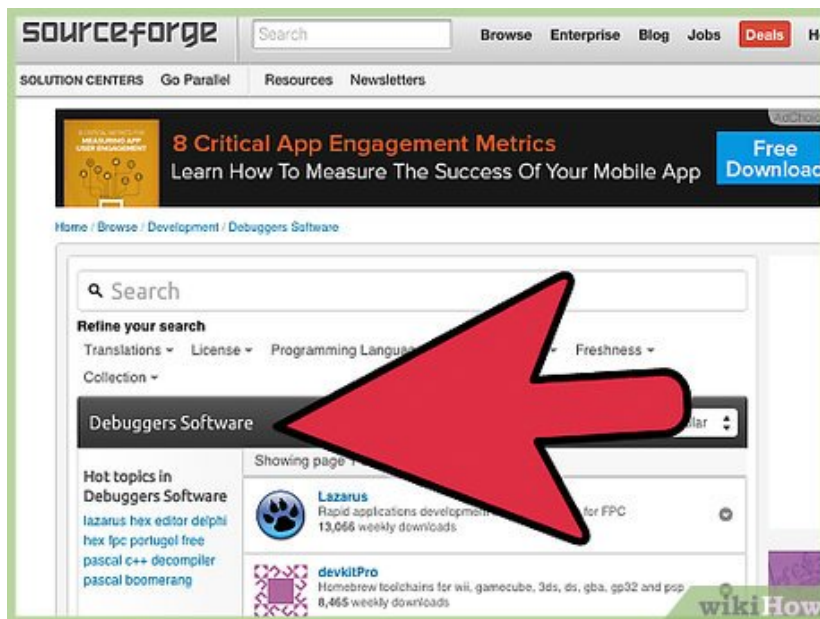


How to Debug Javascript

The ability to debug code is an essential tool in any programmer's arsenal. Debugging will give you inside information into how your program is functioning, in real-time, as it runs. Javascript offers a unique but familiar method of...

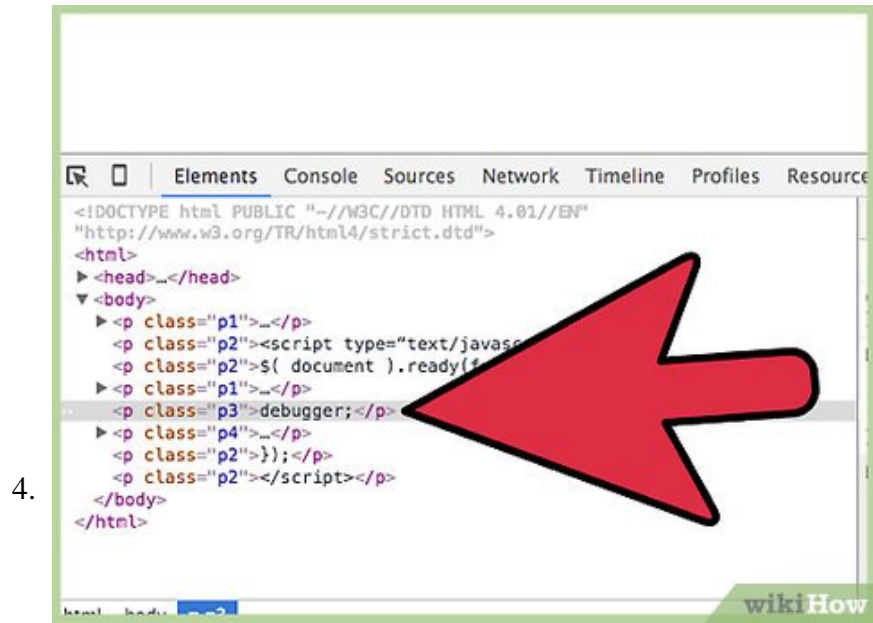
Method 1 of 2:

Using the Debugger; Statement



Determine if debugger; is the correct tool for this situation. Ask yourself:

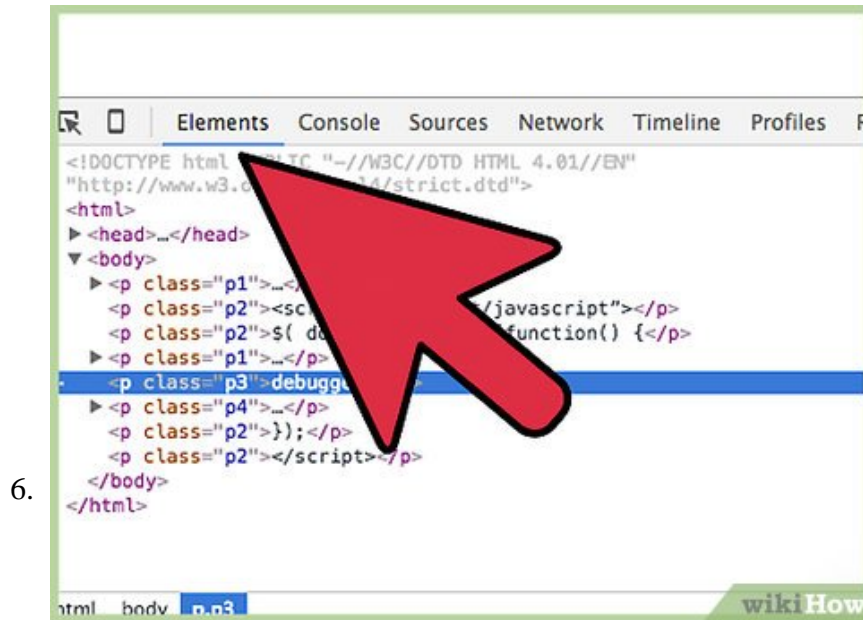
1. Do I need to look at this in great detail?
2. Do I want to know the values, and the path the program is taking?
3. Can I effectively test this through the developer window?



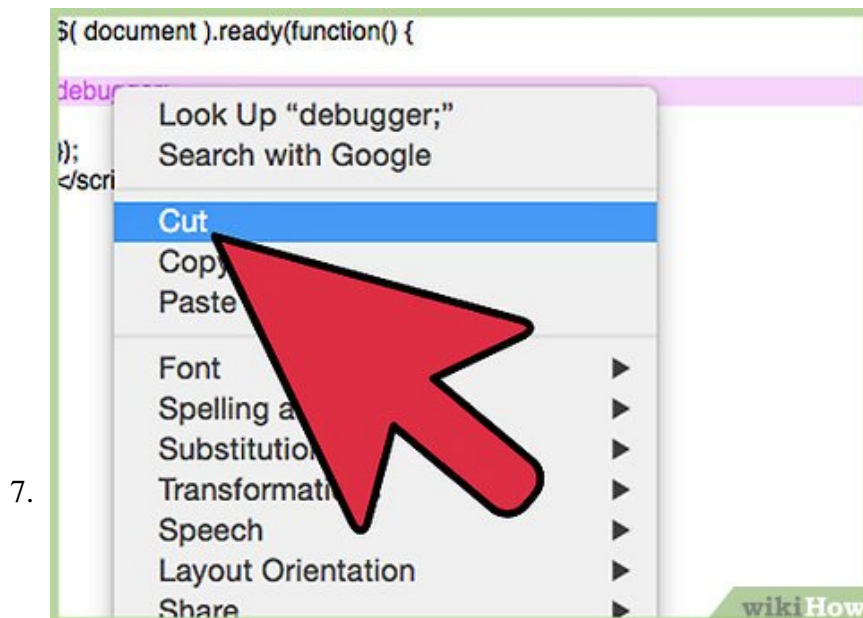
Once inside of developer tools, run your code again. This time it will stop at the debugger; statement.



Step through your program, line-by-line, by pressing F10.



Repeat the process as necessary. You may have to restart your program to trigger the debugger; again.



Once you've used the debugger to solve the problem, be sure to remove the statement when you're done.

Method 2 of 2:

Using an Alert();

```
1. /head>
    ss="p1">...</p>
    ss="p2"><script type="text/javascript"><
    ss="p2">$( document ).ready(function() {
    ss="p1">...</p>
    ss="p3">debugger;</p>
    ss="p4">...</p>
```

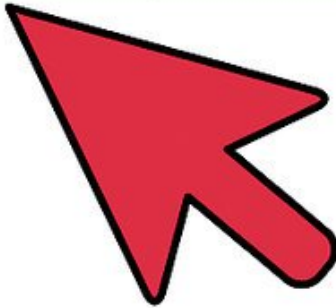


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Determine if alert(); is the correct tool for this situation. Ask yourself:

1. Do I only need to know if a certain part of the program is running?
2. Do I only want to know one value, and timing is not important?

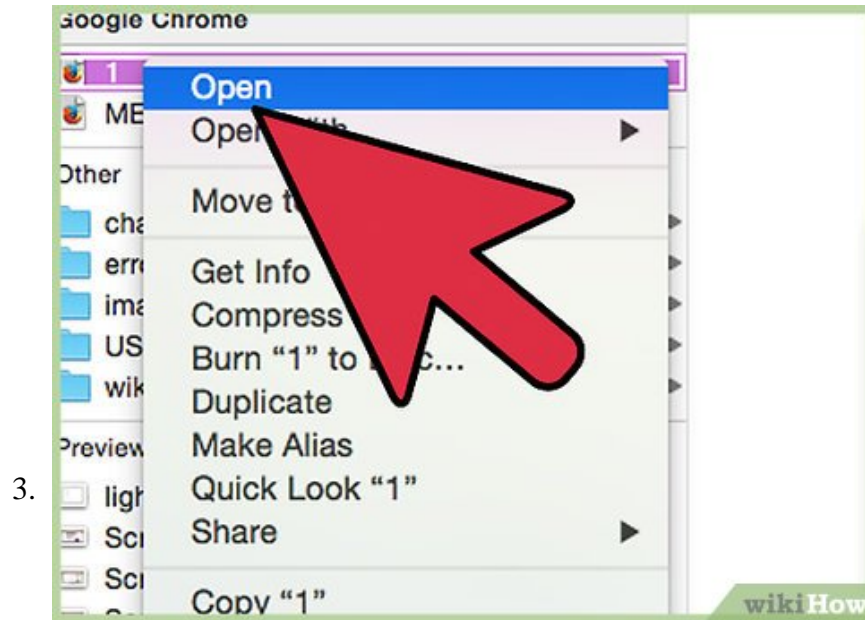
```
2. $( document ).ready(function() {
    alert("This is an alert")
});
</script>
</body>
</html>
```



wikiHow

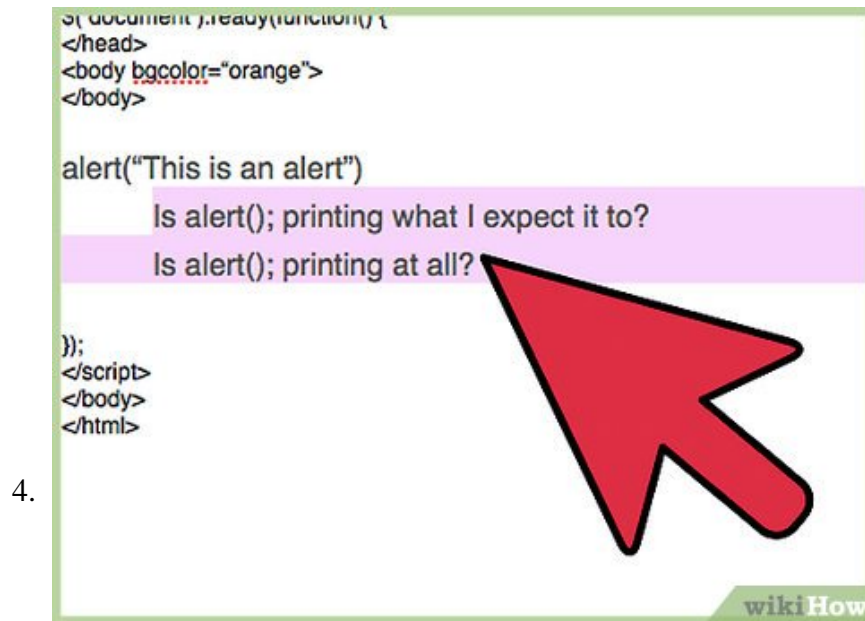
After the problem area, enter the statement: alert();

1. Note that this alert will print, "This is an alert." To the screen. This could be any value.



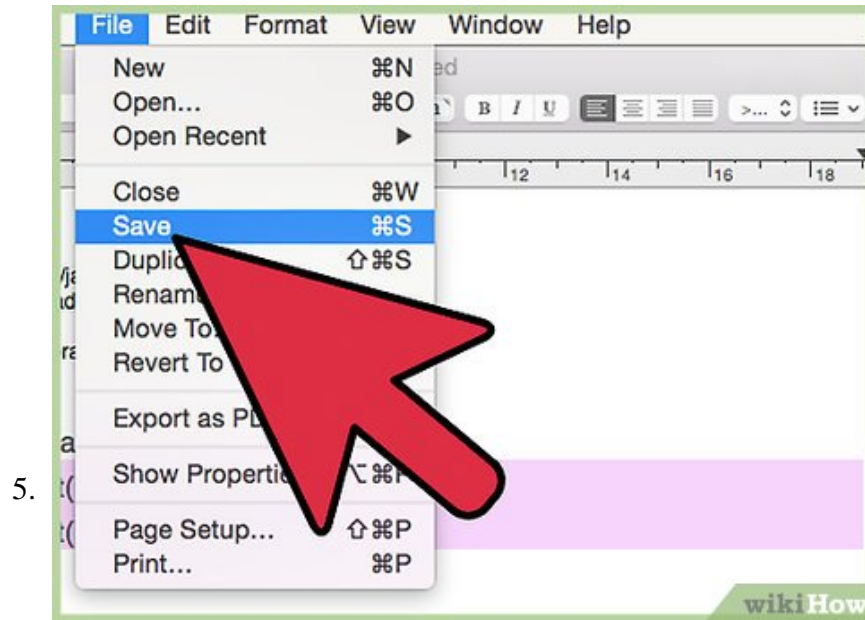
Run your code as normal.

1. Once this point is reached, it will create a popup on your screen with whatever information put into the argument of alert();

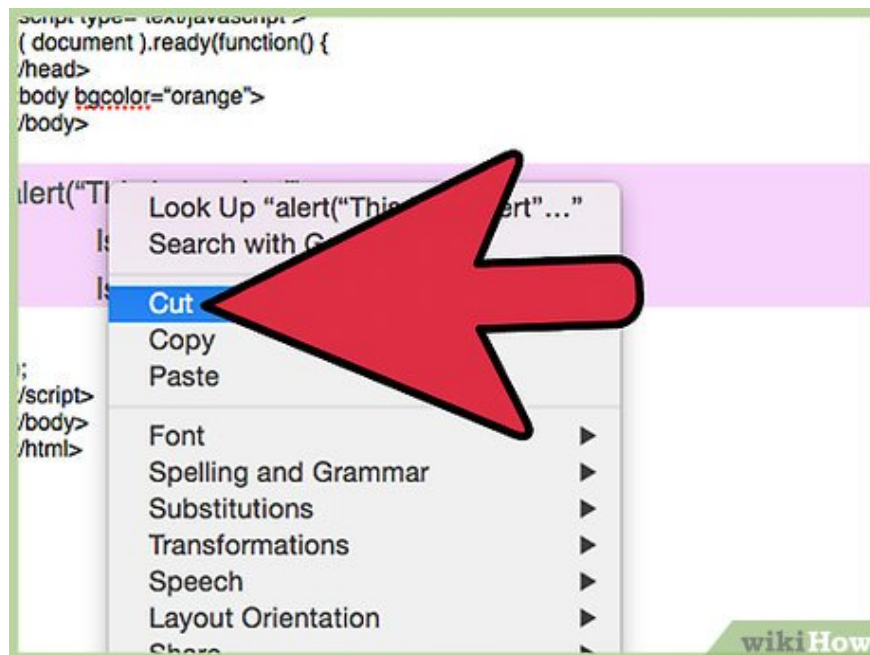


Use the information from the alert(); to solve the issue.

1. Is alert(); printing what I expect it to?
2. Is alert(); printing at all?



- Repeat the process as necessary. You may have to restart your program to trigger the alert(); again.
6. Be certain to remove the alert(); statement when you're done.



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