

If the `<script>` tag is placed just after the `<HTML>` tag will it work?

```
<!DOCTYPE html>
<html>
<script>
document.write("Hello");
</script>

<head>

</head>
<body>

</body>
</html>
```

If the script tag can only be put under `<head>` and `<body>` then how can this piece of code be executing??

6 Answers



Gajendra Choudhary, Blogger, Full Stack Engineer, Exploring life in many ways

299 Views

Script tag can be anywhere in your HTML document.

```
<script> window.alert("Hello World"); </script>
```

This is the reason cross site scripting vulnerability is found in most of the applications.

take a look at the mitigation for Cross site scripting, hopefully that will help you to understand where all java script can be placed

[Cross-site Scripting \(XSS\)](#) ↗

Written Apr 13 • View Upvotes

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Kunal Parashar, I sniff JavaScript

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Hi,

Yes you can place `<script>` tag wherever you like to. The reason behind this is the compiler here in HTML is not same as of C which compiles the code line by line.

Here the compiler has different rules, so in short for your understanding "The compiler looks for the desired tag, function or any other thing only when it is forced to run somewhere in the code"

That is the reason the small errors are neglected by the compiler as it does not affects the code. So compiler just throws the warning.

Written Apr 19



Abhishek Raj Choubey, Readyreview.in

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Omitting the html, head, and body *tags* is certainly allowed by the HTML specs. The underlying reason is that browsers have always sought to be consistent with existing web pages, and the very early versions of HTML didn't define those elements. When HTML 2.0 first did, it was done in a way that the tags would be inferred when missing.

Written Oct 19, 2014



Aamer, Offensive Security | Pentester

7 Views

It depends upon your Web server and how it interprets your code.

In most of the cases, it will. But I don't find any instance of doing so in any real world scenario.

Do not use doctype or similar strict policies in your code for script tag to work completely.

If you see my website code (www.aamer.me.pn) ... you will notice the ways I've implemented the script tag.

Note: It is not easy to view my source code.

Written May 4



Anonymous

25 Views

It seems that the W3C spec ([Scripts in HTML documents](#)) does not allow you to do this: "This element may appear any number of times in the **HEAD** or **BODY** of an HTML document".

However, most browsers are smart enough to parse script tags placed outside of the head and body. Do you have any reason to place it outside the head and body? If not, I would suggest you not to do it, even if it works on most browsers.

Written Apr 13



117 Views

yes it will.. way dont you try it *prectical*