

# Javascript Basics

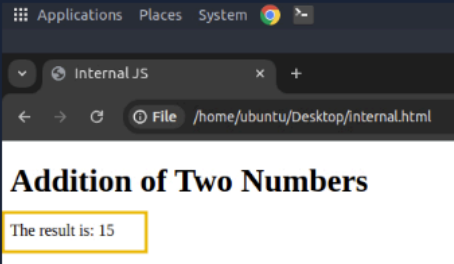
Javascript is what is known as an Interpreter language - This means it executes source code directly, instruction by instruction.

**Internal Javascript** refers to the embedded JS code within a HTML document. The script is inserted between `<script>` tags. These tags can be placed inside the `<head>` section. This is typically used for scripts that need to be loaded before the page content is rendered or inside the `<body>` section.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Internal JS</title>
</head>
<body>
  <h1>Addition of Two Numbers</h1>
  <p id="result"></p>

  <script>
    let x = 5;
    let y = 10;
    let result = x + y;
    document.getElementById("result").innerHTML = "The result is: " + result;
  </script>
</body>
</html>
```

After pasting the code, click **File** and select **Save**, which will save the file to `internal.html`. Double-click the file to open it in Chrome browser, where you will see the following output:



**External Javascript** refers to creating and storing JS code in a separate file ending with `.js` (json). This method helps developers keep the HTML document clean and organised. The external Js file can be stored or hosted on the same web server as the HTML or stored on an external web server such as the cloud.

Conclusion:

Learning Javascript essentials on TryHackMe was actually very enjoyable. In fact the similarities between Python and Javascript made learning / understanding the language much easier. I understood to a very vague capacity HTML, but understanding the programming interpreter language Python, and then Javascript which was another interpreter language which integrates with HTML is very cool! Nice to know the basics.

