# JavaScript – Internal Scripts

JavaScript is used by web developers to add extra functionality to web pages. Modern developers often use JavaScript frameworks – such as jQuery – as the code is tested to run in all web browsers. In order to use these frameworks though you need an understanding of JavaScript coding.

Internal JavaScript Code

The first method of including JavaScript into our web pages we will investigate is by embedding code within out HTML.

1. Open a new html file and save it as internal-js.html and save it to your javascript-tasks folder.

2. Next add the following code to the file:

Graphical user interface, text, application

Description automatically generated

3. Save the file, then test it in a browser:

Graphical user interface, text, application, Word

Description automatically generated

4. Single left click the button and an alert box should display:

Graphical user interface, text, application, email

Description automatically generated

# External JavaScript

Much like when we created external CSS files and linked to them, we can create external JavaScript code. External JS code is the preferred method for modern web developers, as this creates cleaner, more agile code.

5. Open a new html file and save it as **external-js.html** and save it in your javascript-tasks folder.

6. Next add the following code to the file **alert-02.html**:

Graphical user interface, text, application, email

Description automatically generated

7. Create a new file, change the language to JavaScript and save the file as **alert-02-script.js** ,then add the following code:

Graphical user interface, text, application

Description automatically generated

8. Save all code and then run the HTML page:

Graphical user interface, text, application, email

Description automatically generated

9. Click the button to display the alert box:

Graphical user interface, text, application, website

Description automatically generated

Both scripts create the same output (an alert box), but modern web developers strive to keep all HTML, CSS and JavaScript code as separate as possible.