

JavaScript

Tahaluf Training Center 2021



Day 1

1 JS Introduction

2 JS Example

3 Include JS



JavaScript is a programming language commonly used in web development. It was originally developed by Netscape as a means to add dynamic and interactive elements to websites.

JavaScript was initially created to “make web pages alive”.



What is JavaScript used for?

1. Adding interactive behavior to web pages.
2. Creating web and mobile apps.
3. Building web servers and developing server applications.
4. Game development.



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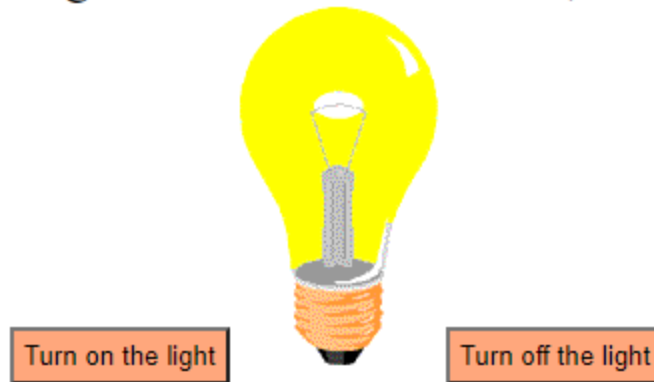
3 Include JS



JS Example

JavaScript can change HTML attribute values.

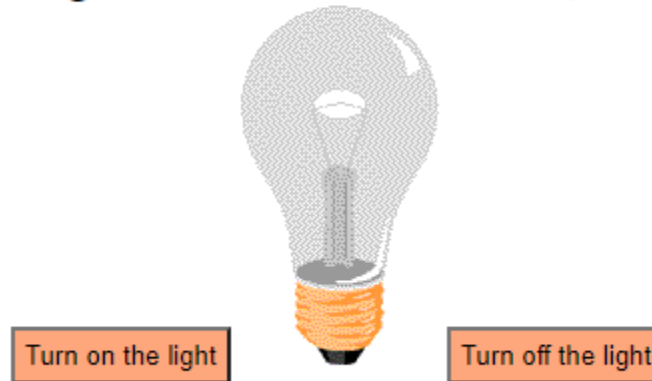
In this case JavaScript changes the value of the src (source) attribute of an image.



JS Example

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Include JS

There are following three ways in which users can add JavaScript to HTML pages:

1. Embedding code.
2. Inline code.
3. External file.



Include JS

- ✓ JavaScript is the programming language of the Web.
- ✓ In HTML, JavaScript code is inserted between `<script>` and `</script>` tags.
- ✓ You can place any number of scripts in an HTML document.
- ✓ Scripts can be placed in the `<body>`, or in the `<head>` section of an HTML page, or in both.



Include JS

- ✓ Scripts can also be placed in external files.
- ✓ External scripts are practical when the same code is used in many different web pages.
- ✓ JavaScript files have the file extension **.js**.
- ✓ To use an external script, put the name of the script file in the **src** (source) attribute of a **<script>** tag.
- ✓ You can place an external script reference in **<head>** or **<body>** as you like.



Include JS

Placing scripts in external files has some advantages:

1. It separates HTML and code.
2. It makes HTML and JavaScript easier to read and maintain.
3. Cached JavaScript files can speed up page loads.



Day One Task

On the E-Learning Portal

