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1.Introduction

3.Let’s star coding

There are 2 ways to add JavaScript in your html code

1. Inline

In which we just start and end a script tag and write a code between the tag.

1. External

Create a file with .js extension and add the file path in the <script src=’path’> tag.

Perform practical of both internal and External.

4. A brief introduction of JavaScript

It is a lightweight, cross-platform, object-oriented language.

Light-weight means not used much memory in computer and simple in syntax.

Cross-platform means it used in many platform not only for a website.

Object-oriented means it is based on object.

Now a days JavaScript uses in different places.

Client-side: Traditionally JavaScript used only in browser.

Server-side: but using node.js we can use it in server as well.

The role of JavaScript in web development

Html- For content

CSS-for presentation

JavaScript – for Dynamic effects/programming

Html for noun

Ex: <p></p> --it means this is p tag.

Css for Adjectives

Ex: p{color:Red;} – means a paragraph text is red.

JavaScript for verbs

Ex: p.hide(); --means hide the paragraph.

5.Variables and Data Types

In JavaScript there are five types of datatypes.

1.Number:float,decimal and integers.

2.String : sequence of character for text.

3.Boolean : logical data type used for true and false.

4.Undefined : Data type of variable that does not have a value yet.

5. Null : means not-existing.

Perform practical

6. Variable Mutation and Type Coercion

JavaScript perform type coercion automatically.

Mutation means reassign a variable with diff data-type

Use of alert (for give alert)

Use of prompt (for get user input)

Perform a practical

7.Basic operator

Math operator: +,-,\*,/,%;

Logical operator: <,>,<=,>=

Typeof operator: used for check datatype of a variable

Perform practical

8.Operator precedence

Operator precedence means which operator is executed first.

Perform a practical of a JS

Perform Practical of Html