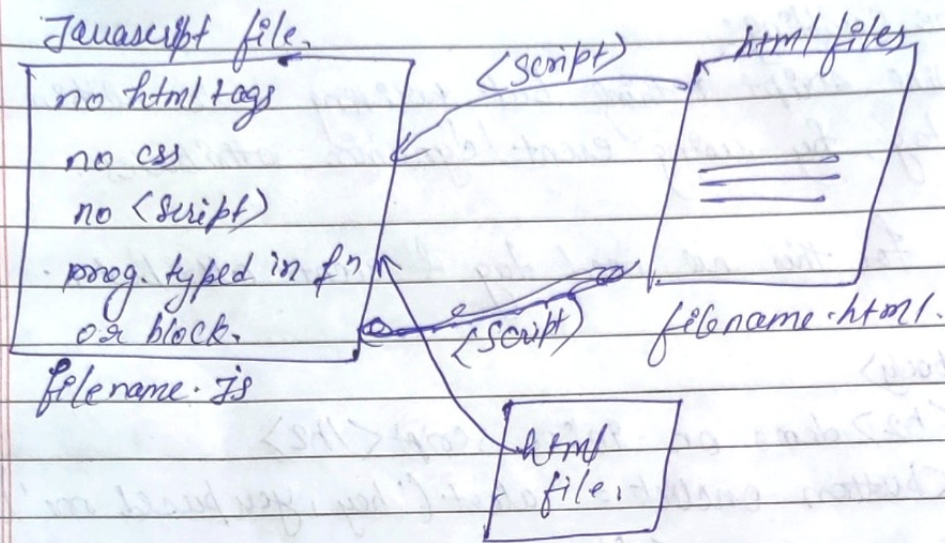


16/11/23

Page No.
 Date



Function fun-name() — # defining the fun name()

{

 stmt — inside the script tag only.

}

calling : — calling inside the html tag file.

fun-name();

`<script src = "filename1.js"></script>`

- mapping / linking file.
- one time only one script file linked.
- if we want more than one then repeat script tag.

Save filename as Example (JS)
extension.

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/* Example on designing external script */

function fun1() → it can be any thing (user define)
{
document.write("hi, I am fun1");
}

function fun2()
{
document.write("hi, I am fun2");
}

Editplus

File → new → others → Javascript → OK

Notepad++

File → new (filename.js)

VS code

+ → filename.js

3
editors.

diff. way
to save
file.

Eg:-

<head>

<title>

<script src = "myscript.js" > </script>

<!-- linking -->

</head>

<body>

<h2> Demo </h2>

fun1();

</body>

only text msg display
if will not call
fun1 is not
calling inside script tag

* All 3 ^{ways} script (external, internal, inline) we can use in one program.

Eg - `<head>`
`<title>` `</title>`

external script { `<script src = "myscript.js">` `</script>` # linking.

`<head>`

`<body>`

`<h2>` demo on external script `</h2>`

`<script>`

`fun1();`

`fun2();`

`</script>`

`
`

// calling.

we can call a fn in times. no problem

internal script

here fun¹ is loading while web page.

inline script

`<button onclick = "fun2()">` call fun² `</button>`

after loading a web page.

In JS → libraries → collection of reverse words, operators, functions, methods, classes, Object (inbuilt)

All are pre-defined.

pre-defined → document

like alert.

write.

fun1()

Types of comments:-

2 types in javascript.

1) Single line comment Ex:- `// comment`

2) Multi line comment. Ex:- `/* comments */`

* Keyboard light is called backlight.

→ display outputs / results.

write() method:- The write() method writes HTML expressions or JS code to a document (without line breaking).

any type of value we can display

Synt:- document.write (val1, val2, val3...);
document.write (exp1 + exp2 + exp3...);
work like comma.
concatenation (not adding plus values.)

→ display o/p / results.

writeln() method:- The writeln() method writes HTML expression or JS code to a document (with line breaking).

Synt:- document.write (val1, val2, val3...);
document.writeln (exp1 + exp2 + exp3...);

for → displaying error.

log() method:- The log() method writes HTML expressions or Javascript code on *browser's console (press F12 Key) with line break.

Synt:- console.log (val1, val2, val3...);
console.log (exp1 + exp2 + exp3...);

It is available backside of our browser.

right click → inspect → console.

Eg:-
<h2> </h2>
<script>

document.write ("Apple", "Grape");

document.writeln ("Banana" + "Guava");

console.log ("hello");

document.writeln ("grapes" + "Guava");

} Breaks a line 8/10

Guava & grapes

• JavaScript is a case sensitive programming.

<html> → Interpreter → line by line execution.

<body>

Ex: <h2> NOTE POINTS </h2>

<script>

document.write("Apple")
document.write("Guava")
document.write("Banana")

; (semicolon is optional.)

lower case ✓
uppercase X Error.

</script>

</body>

</html>

NOTE

1. > using (;) is optional in JS.

2. > JS is case sensitive programming.

Console:

Uncaught Type Error: document.write is not a fn.
at JS:5:html:13:11

① Type Error
② fn doesn't exist because we wrote capital 'W' instead of 'w'
③ File name with line number where the error is.

3. > JavaScript display error message in console. (not display in page).

Type of errors are only 5 types in JavaScript.

<script>

4. > Whenever the error comes for ex.:

1 to 50 line, then error is in 6th line, then it will execute 1 to 5th line & then stop from 6th to 'n' number </script>

After that whatever we have outside the script that will execute. no issue.

Type Error
Reference Error
Syntax Error
Range Error
URI Error