Javascript → action/interactive
→ scripting language
a output
break

≠ Java
Node

action iske click, mouse hcovering, validation
because
event
└ can be done by JS

most commonly used lang

means → Javascript → JS
→ any platform

lightweight, cross platform, interpreted scripting lang.
↓
resource required to run
JS is less.
└ line by line code is
executed

AngularJS   SPA
└ for heavy   └ (single page app
website   react)

— intro JS

<script> </script>
└ in head or body or bottom of body element
or
as an attribute   — inline JS

extend - Js
↳ <script src="demo.js"> </script>

demo.js

How to check the result ?
(output)

① into on html element
inner HTML

② document.write()

③ alert box   window.alert()

④ console.   console.log()

⑤ HTML element
document.getElementById(id)

DOM

Primitive → int, string, float

Non primitive → undefined data type
                              array, object etc

Var, const

Number, string, boolean, undefined, Null
                                    ↓   no value at all
                              undefined
                              value

Array, object

$x \% y$ $c++$
                                              prefix
$m++$
                                              $++c$
$x--$ postfix
$x**y$ power

$===$
icon(
var a = Prompt("   ")   (Parse Int) $(a+b)$
var b = Prompt("   ")

"sum = " + $(a+b)$
                    Behaviour String
            or
("sum : ", $a+b$)

a = (Number) (a)   document.write("<B>")
b = Number (b)

// → comment

```
if ( )t
}
elce {
}
```

___

ternary operator.
if true

$\underline{a > b}$? $\underset{good}{\underline{"ac's "}}$: $\underline{"b cegeti"}$
$\underline{}$ (pfolu)
expressi   This (fru)   This
                    elu.

___

| Switch |

⟶ (To days doti)

| Var Doy = new Date (); |

Console.log (Doy)

console.log (Dog [ddej4)

                doy. get Dey ( ))
                doy. set (Month ( ))
                doy. set Doti ( ) ⌐
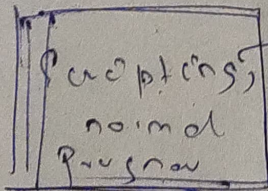
            Switch (doy) {
                Case 0;
                breou; ⟶ To finich switer
                case 1;
                breeu;
            } (dyou It : console.log ("curon")
```

function: collers

↳ predefine

verify ✓

↳ declaration
function f1 (a-y1, a-y2) {

body of fun
return ▭

}

f1 (2, 3);

↳ calling ✓

local & global (scoping)

var a = "___";

var hello = function () {

var a = "___";
console.log ("___" + );

};

hello ();

execute operation

doing runtime
interper

prompting,
normal
Progrow

↳ giving input to
con]