

30

SATURDAY • JULY

WK 31 • 211-154

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| 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 |
| 18 | 19 | 20 | 21 | 22 | 23 |
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| 2022 | 2022 | 2022 | 2022 | 2022 | 2022 | 2022 |

03-01-2023

01

Difference between Programming Language and Scripting Language.

- 10. the basic difference between a scripting language and a programming language is that scripting languages do not need an additional step of compilation and whereas they are interpreted, whereas programming languages are interpreted.

- 11. It is used as a caption.

label

input type="checkbox" id="myCheckbox"/>

label for="myCheckbox">Coordinate

label

Note:

- 31. SUNDAY Compilation step to convert the high-level language into machine tools.

graduated.

Value for the 'for' is attribute is 'id', you need to give ²⁰²² id the input element.

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| | 22 | 23 | 24 | 25 | 26 | 27 |
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| 25 | 26 | 27 | 28 | 29 | 30 | |
| 24 | 25 | 26 | 27 | 28 | 29 | |
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DOM Manipulations

Loops

Loops allows us to execute the block of code several times

- * for .. of loop

- * for .. in loop

- * for corp

- * while corp

JavaScript

```
let myarray = [1,2,3,4];
for (let eachItem of myarray) {
    console.log(eachItem);
}
```

```
2022
```

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Execution Contests

The environment in which
JavaScript code runs is called

"Execution Content."

* Execution Context Contains

all the variables, objects

and finer teria

~~Execution Content is destroyed~~

, and re-created whenever we

• Reload an application.

Storage Merchant, 10

→ Client - Side Data storage

→ Server-side Data storage.

FRIDAY • AUGUST

→ Client-side Data storage

* local storage

* session storage

Carapace

* Indentation DB and many more.

Common - side Data storage

server-side data over storage is

Storing the data on the Server

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Local storage

It allows web applications to work.

Browsers

Letter is a storage object,
Stored in Key - Value ~~Paradigm~~.

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JS code.

| key | name |
|-----------|---------------|
| full-name | Rahul Attwari |
| gender | Male |
| City | Bengaluru |

| key | name |
|--|------|
| localstorage.setItem('fullName', 'Raj') | |
| let fullName = localStorage.getItem('fullName'); | |
| let gender = localStorage.getItem('gender'); | |
| console.log(fullName) | |

Local storage are have below methods:

| key | name |
|--|------|
| localStorage.setItem('gender', 'male') | |
| localStorage.removeItem('gender') | |
| localStorage.clear() | |
| localStorage.getItem('gender') | |

we use null is a situation where

we intentionally want a variable but we don't need a value to

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| M | T | W | T | F | S |
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let selectedColor = null;

9 console.log(selectedColor); // null

10 console.log(typeof selectedColor);

11 * object

12

13 JavaScript Object Notation (JSON)

14 JSON is a data representation

15 format used for:

16 * storing Data (client/server)

17

18 Is object or JSON object

19 name: "Ramu", "name": "Ramu"

20 age: 29, "age": 29,

21 designation: "Developer", "designation": "Developer"

22

23 * Exchanging data between

24 Client and Server.

25 JSON Supported types

26 * Number

27 * String

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JSON Methods:

- 10 Javascript provides JSON methods

11 -to Convert Data into JSON format

12 * JSON.stringify()

13 JSON.parse()

14 JSON.stringify()

15 It converts the given value
into JSON string.

16 JSON.stringify(value)

17 *(value is a variable name)*

18 *and it will convert values to be*

```
JSON.Parse()
```

It parses a JSON string and
returns a JS object.

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