

- ① JSON → Java Script Object Notation
↓
→ open standard file format.
→ Attribute - value pairs / Array data type

• json extension

var data = {

"name": "Shilpa",
"city": "Jodhpur".

↓

3-; 2-↓

value

↓

It can be string or number

Key
It cannot be number
Halway string

How to access json value

① data.name, It through access name in data.

② data["city"]

Sunshine all the time makes a desert.

— Arab Proverb

8

10

11

12

1

2

3

4

5

6

~~Ag1360.COM~~
n
zero

Zero

3-

→ give values

→ give Key name

01

JANUARY 2023

SUNDAY

Day 1 ★ 364 Left

JANUARY							2023
M	T	W	T	F	S	S	
30	31					1	
2	3	4	5	6	7	8	
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	
23	24	25	26	27	28	29	

New Year's Day; Gantan (Japan); Tree Planting Day (Tanzania)

Week 52

3 Access Json Array Data using for loop

```

var data = {
  "color": ["orange", "red", "yellow", "grey"],
  "record": [
    { "name": "Sulek", "City": "Jodhpur" },
    { "name": "Amit", "City": "Kampur" }
  ]
};

```

way 1

```

for (index in data.color) {
  document.write (data.colors[index]);
}

```

way 2

```

for (index = 0; index < data.colors.length; index++)

```

```

{
  (data.colors[index]);
}

```

inner array Access with loops

```

for (key in data.records) {
  for (inner-key in data.record[key]) {
    data.records[key][inner-key]
  }
}

```

Cheers to a new year and another chance for us to get it right.

data.records[1][name]

2023						
J	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26

JANUARY 2023

02

Day 2 ★ 363 Left

MONDAY

Week 1

21st Jan's Day Holiday (Mauritius)

* Stringify function → Json data converted into string format

JSON.stringify(data)

* Parse function → json string data convert object format

```
var data = {
  "name": "Subu",
  "city": "jodhpur",
  "number": 20
};
```

```
var json-object = JSON.parse(data);
document.write(json-object.name)
```

How to Create json file → use .json extension

```
{
  "key": "value"
}
```