Topalian Node.js Array of Objects

by
Christopher Andrew Topalian

Dedicated
to
God the Father

```javascript
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// 001_Show_All.js

let people =
[
    {
        name: 'Melissa',
        date: '2021/04/01',
    },
    {
        name: 'Tabitha',
        date: '2021/04/05'
    }
];


//-//
```

```
console.log(people);

//-//

console.log('Press Enter to Exit');
process.stdin.resume();
process.stdin.once('data', function()
{
    process.exit();
});

/*
[
  { name: 'Melissa', date: '2021/04/01' },
  { name: 'Tabitha', date: '2021/04/05' }
]
Press Enter to Exit
*/
```

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// 002_Show_All_for_Loop.js

let people =
[
    {
        name: 'Melissa',
        date: '2021/04/01',
    },
    {
        name: 'Tabitha',
        date: '2021/04/05'
    }
];


//-//
```

```
for (let z = 0; z < people.length; z++)
{
    console.log(people[z]);
}

//-//

console.log('Press Enter to Exit');
process.stdin.resume();
process.stdin.once('data', function()
{
    process.exit();
});

/*
{ name: 'Melissa', date: '2021/04/01' }
{ name: 'Tabitha', date: '2021/04/05' }
Press Enter to Exit
*/
```

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// 003_Show_All_Names.js

let people =
[
    {
        name: 'Melissa',
        date: '2021/04/01',
    },
    {
        name: 'Tabitha',
        date: '2021/04/05'
    }
];


//-//
```

```javascript
for (let z = 0; z < people.length; z++)
{
    console.log(people[z].name);
}

//-//

console.log('Press Enter to Exit');
process.stdin.resume();
process.stdin.once('data', function()
{
    process.exit();
});

/*
Melissa
Tabitha
Press Enter to Exit
*/
```

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// 004_Show_All_Dates.js

let people =
[
    {
        name: 'Melissa',
        date: '2021/04/01',
    },
    {
        name: 'Tabitha',
        date: '2021/04/05'
    }
];


//-//
```

```
for (let z = 0; z < people.length; z++)
{
    console.log(people[z].date);
}

//-//

console.log('Press Enter to Exit');
process.stdin.resume();
process.stdin.once('data', function()
{
    process.exit();
});

/*
2021/04/01
2021/04/05
Press Enter to Exit
*/
```

```
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// 005_Show_All_Names_Line_Break.js

let people =
[
    {
        name: 'Melissa',
        date: '2021/04/01',
    },
    {
        name: 'Tabitha',
        date: '2021/04/05'
    }
];


//-//
```

```
for (let z = 0; z < people.length; z++)
{
    console.log(people[z].name + '\n');
}

//-//

console.log('Press Enter to Exit');
process.stdin.resume();
process.stdin.once('data', function()
{
    process.exit();
});

/*
Melissa

Tabitha

Press Enter to Exit
*/
```

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// 006_Show_All_Names_Line_Breaks.js

let people =
[
    {
        name: 'Melissa',
        date: '2021/04/01',
    },
    {
        name: 'Tabitha',
        date: '2021/04/05'
    }
];


//-//
```

```
for (let z = 0; z < people.length; z++)
{
    console.log(people[z].name + '\n' +
people[z].date + '\n');
}


//-//


console.log('Press Enter to Exit');
process.stdin.resume();
process.stdin.once('data', function()
{
    process.exit();
});

/*
Melissa
2021/04/01

Tabitha
2021/04/05

Press Enter to Exit
*/
```

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// 007_Filter_by_Name.js

let people =
[
    {
        name: 'Melissa',
        date: '2021/04/01',
    },
    {
        name: 'Tabitha',
        date: '2021/04/05'
    }
];


//-//
```

```javascript
for (let z = 0; z < people.length; z++)
{
    if (people[z].name === 'Melissa')
    {
        console.log('Hi ' + people[z].name);
    }
}

//-//

console.log('Press Enter to Exit');
process.stdin.resume();
process.stdin.once('data', function()
{
    process.exit();
});

/*
Hi Melissa
Press Enter to Exit
*/
```

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// 008_Filter_by_Date.js

let people =
[
    {
        name: 'Melissa',
        date: '2021/04/01',
    },
    {
        name: 'Tabitha',
        date: '2021/04/05'
    }
];


//-//
```

```javascript
for (let z = 0; z < people.length; z++)
{
    if (people[z].date === '2021/04/05')
    {
        console.log('Hi ' + people[z].name);
    }
}

//-//

console.log('Press Enter to Exit');
process.stdin.resume();
process.stdin.once('data', function()
{
    process.exit();
});

/*
Hi Tabitha
Press Enter to Exit
*/
```

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// 009_Filter_Before_Date.js

```
let people =
[
    {
        name: 'Melissa',
        date: '2021/04/01',
    },
    {
        name: 'Tabitha',
        date: '2021/04/05'
    }
];


//-//
```

```javascript
for (let z = 0; z < people.length; z++)
{
    if (people[z].date < '2021/04/04')
    {
        console.log('Hi ' + people[z].name);
    }
}


//-//


console.log('Press Enter to Exit');
process.stdin.resume();
process.stdin.once('data', function()
{
    process.exit();
});

/*
Hi Melissa
Press Enter to Exit
*/
```

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// 010_Filter_After_Date.js

let people =
[
    {
        name: 'Melissa',
        date: '2021/04/01',
    },
    {
        name: 'Tabitha',
        date: '2021/04/05'
    }
];


//-//
```

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```
for (let z = 0; z < people.length; z++)
{
    if (people[z].date > '2021/04/04')
    {
        console.log('Hi ' + people[z].name);
    }
}

//-//

console.log('Press Enter to Exit');
process.stdin.resume();
process.stdin.once('data', function()
{
    process.exit();
});

/*
Hi Tabitha
Press Enter to Exit
*/
```

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// 011_Filter_by_Year.js

let people =
[
    {
        name: 'Melissa',
        date: '2020/04/01',
    },
    {
        name: 'Tabitha',
        date: '2021/04/05'
    }
];


//-//
```

```
for (let z = 0; z < people.length; z++)
{
    if (people[z].date.startsWith('2021'))
    {
        console.log('Hi ' + people[z].name);
    }
}

//-//

console.log('Press Enter to Exit');
process.stdin.resume();
process.stdin.once('data', function()
{
    process.exit();
});

/*
Hi Tabitha
Press Enter to Exit
*/
```

```
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// 012_Filter_by_Month.js

let people =
[
    {
        name: 'Melissa',
        date: '2021/04/01',
    },
    {
        name: 'Tabitha',
        date: '2021/05/05'
    }
];


//-//
```

```javascript
let targetMonth = '04';

//-//

for (let z = 0; z < people.length; z++)
{
    let parts = people[z].date.split('/');

    if (parts[1] === targetMonth)
    {
        console.log('Hi', people[z].name);
    }
}

//-//

console.log('Press Enter to Exit');
process.stdin.resume();
process.stdin.once('data', function()
{
    process.exit();
});

/*
Hi Melissa
Press Enter to Exit
```

*/

```
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// 013_Filter_by_Year_Month.js

let people =
[
    {
        name: 'Melissa',
        date: '2020/04/01',
    },
    {
        name: 'Tabitha',
        date: '2021/04/05'
    }
];


//-//
```

```
for (let z = 0; z < people.length; z++)
{
    if (people[z].date.startsWith('2021/04'))
    {
        console.log('Hi ' + people[z].name);
    }
}


//-//


console.log('Press Enter to Exit');
process.stdin.resume();
process.stdin.once('data', function()
{
    process.exit();
});

/*
Hi Tabitha
Press Enter to Exit
*/
```

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// 014_Filter_by_Month_Day.js

let people =
[
    {
        name: 'Melissa',
        date: '2021/04/01',
    },
    {
        name: 'Tabitha',
        date: '2022/04/05'
    }
];


//-//
```

```javascript
let targetMonth = '04';
let targetDay = '01';

//-//

for (let z = 0; z < people.length; z++)
{
    let parts = people[z].date.split('/');

    if (parts[1] === targetMonth && parts[2] === targetDay)
    {
        console.log('Hi', people[z].name);
    }
}

//-//

console.log('Press Enter to Exit');
process.stdin.resume();
process.stdin.once('data', function()
{
    process.exit();
});

/*
```

Hi Melissa
Press Enter to Exit
*/

```
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// 015_Filter_by_Date_Time.js

let people =
[
    {
        name: 'Melissa',
        date: '2021/04/01 08:00AM',
    },
    {
        name: 'Tabitha',
        date: '2021/04/01 12:00PM'
    }
];


//-//
```
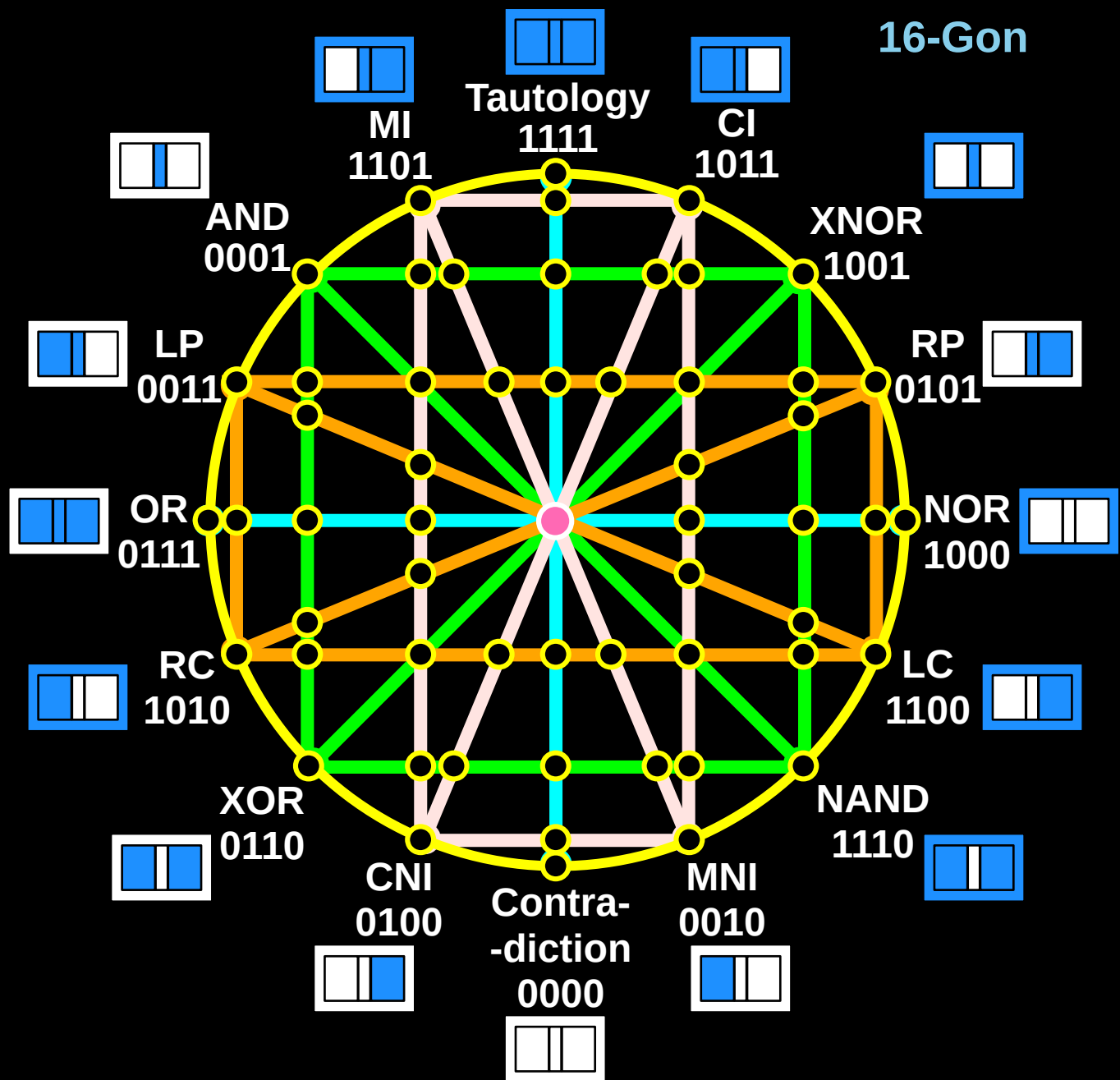
```javascript
for (let z = 0; z < people.length; z++)
{
    if (people[z].date > '2021/04/01 08:00AM')
    {
        console.log('Hi ' + people[z].name);
    }
}

//-//

console.log('Press Enter to Exit');
process.stdin.resume();
process.stdin.once('data', function()
{
    process.exit();
});

/*
Hi Tabitha
Press Enter to Exit
*/
```

True Artificial Intelligence System

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16-Gon

Tautology 1111
MI 1101
CI 1011
AND 0001
XNOR 1001
LP 0011
RP 0101
OR 0111
NOR 1000
RC 1010
LC 1100
XOR 0110
NAND 1110
CNI 0100
Contra-diction 0000
MNI 0010

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This book is created by the
College of Scripting Music & Science.
Always remember, that each time you write a
script with a pencil and paper, it becomes
imprinted so deeply in memory that the
material and methods are learned extremely
well.

When you Type the scripts, the same is true.
The more you type and write out the scripts by
keyboard or pencil and paper, the more you
will learn programming!

Write and Type every example that you find.
Keep all of your scripts organized.
Every script that you create increases your
programming abilities.
SEEING CODE, is one thing,
but WRITING CODE is another.
Write it, Type it, Speak it, See it, Dream it.

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