Topalian JavaScript Math Generator

by
Christopher Andrew Topalian

Dedicated
to
God the Father

Math Exercise Generator

Generate

25

43

Math Exercise Generator

Generate

25

43

7

Not that

Math Exercise Generator

Generate

25

43

68

Correct :-)

Math Exercise Generator

Generate

89

37

126

Correct :-)

Math Exercise Generator

Generate

74

78

152

Correct :-)

```
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<!-- https://github.com/ChristopherTopalian --
>

<!--
https://github.com/ChristopherAndrewTopalia
n -->

<!--
Topalian_JavaScript_Math_Generator.html -->

<!-- Version 001 - (2024-01-16) -->

<html>
```

```html
<head>
<title> Topalian JavaScript Math Generator
</title>

<link rel = 'stylesheet' href =
'css/style001.css'>

<script>

function ge(whichId)
{
    let result =
document.getElementById(whichId);

    return result;
}


function ce(whichType)
```

```
{
    let result =
document.createElement(whichType);

    return result;
}

function ba(whichElement)
{
    let result =
document.body.append(whichElement);

    return result;
}

function createMathGenerator()
{
    // mainDiv
```

```
let mainDiv = ce('div');
mainDiv.id = 'mainDiv';
mainDiv.className = 'mainDiv';
mainDiv.style.position = 'relative';
mainDiv.style.width = 300 + 'px';
ba(mainDiv);

//-//

// theTitle
let theTitle = ce('div');
theTitle.innerHTML = 'Math Exercise
Generator';
theTitle.className = 'theTitle';
mainDiv.append(theTitle);

//-//
```

```javascript
// generate button
let generateButton = ce('button');
generateButton.textContent = 'Generate';
generateButton.id = 'generateButton';
generateButton.className =
'buttonStyle001';
generateButton.onclick = function()
{
    ge('textBox1').value =
Math.floor(Math.random() * 100);

    ge('textBox2').value =
Math.floor(Math.random() * 100);

    ge('textBox3').value = '';
    ge('textBox4').value = '';
```

```
    ge('mainDiv').style.borderColor =
'rgb(255, 255, 255)';
    };
    mainDiv.append(generateButton);


    //-//


    // textBox1
    let textBox1 = ce('input');
    textBox1.type = 'text';
    textBox1.value = Math.floor(Math.random()
* 100);
    textBox1.id = 'textBox1';
    mainDiv.append(textBox1);


    //-//


    // textBox2
```

```javascript
    let textBox2 = ce('input');
    textBox2.type = 'text';
    textBox2.value = Math.floor(Math.random()
* 100);
    textBox2.id = 'textBox2';
    mainDiv.append(textBox2);

    //-//

    // textBox3
    let textBox3 = ce('input');
    textBox3.type = 'text';
    textBox3.id = 'textBox3';
    textBox3.onchange = function()
    {
        let text1 =
 parseFloat(ge('textBox1').value);
```

```
        let text2 =
parseFloat(ge('textBox2').value);

        let text3 =
parseFloat(ge('textBox3').value);

        let evaluated = eval(text1 + text2);

        console.log(evaluated);

        if (text3 == evaluated)
        {
            console.log('Correct');

            ge('textBox4').value = 'Correct :-)';

            ge('mainDiv').style.borderColor =
'rgb(0, 255, 255)';
```

```javascript
        }
      else
      {
         console.log('Not that');

         ge('textBox4').value = 'Not that';

         ge('mainDiv').style.borderColor =
'rgb(255, 0, 0)';
      }
    }
    mainDiv.append(textBox3);

    //-//

    // textBox4
    let textBox4 = ce('input');
    textBox4.type = 'text';
```

```
        textBox4.id = 'textBox4';
        mainDiv.append(textBox4);
}

</script>

</head>

<body onload = 'createMathGenerator();'>

</body>

</html>
```

```css
/* Dedicated to God the Father */

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/* https://github.com/ChristopherTopalian */

/*
https://github.com/ChristopherAndrewTopalia
n */

/* style001.css */

body
{
    background-color: rgb(40, 40, 40);
    font-family: arial;
    font-size: 30px;
```

```css
        color: rgb(255, 255, 255);
}


input
{

    padding-left: 10px;
    padding-right: 10px;
    padding-top: 2px;
    padding-bottom: 2px;
    background-color: rgb(30, 30, 30);
    font-size: 30px;
    color: rgb(255, 255, 255);
}


hr
{

    width: 100%;
}
```

```css
.mainDiv
{
    border-style: solid;
    border-width: 2px;
    display: flex;
    flex-direction: column;
    margin: auto;
}

.theTitle
{
    padding-left: 10px;
    padding-right: 10px;
    padding-top: 5px;
    padding-bottom: 5px;
    margin: auto;
    font-family: arial;
```

```css
        font-size: 20px;
}


.buttonStyle001
{
    padding-top: 3px;
    padding-bottom: 3px;
    padding-left: 10px;
    padding-right: 10px;
    border-radius: 8px;
    background-color: rgb(0, 0, 0);
    font-family: arial;
    font-size: 20px;
    color: rgb(255, 255, 255);
}


.buttonStyle001:hover
{
```
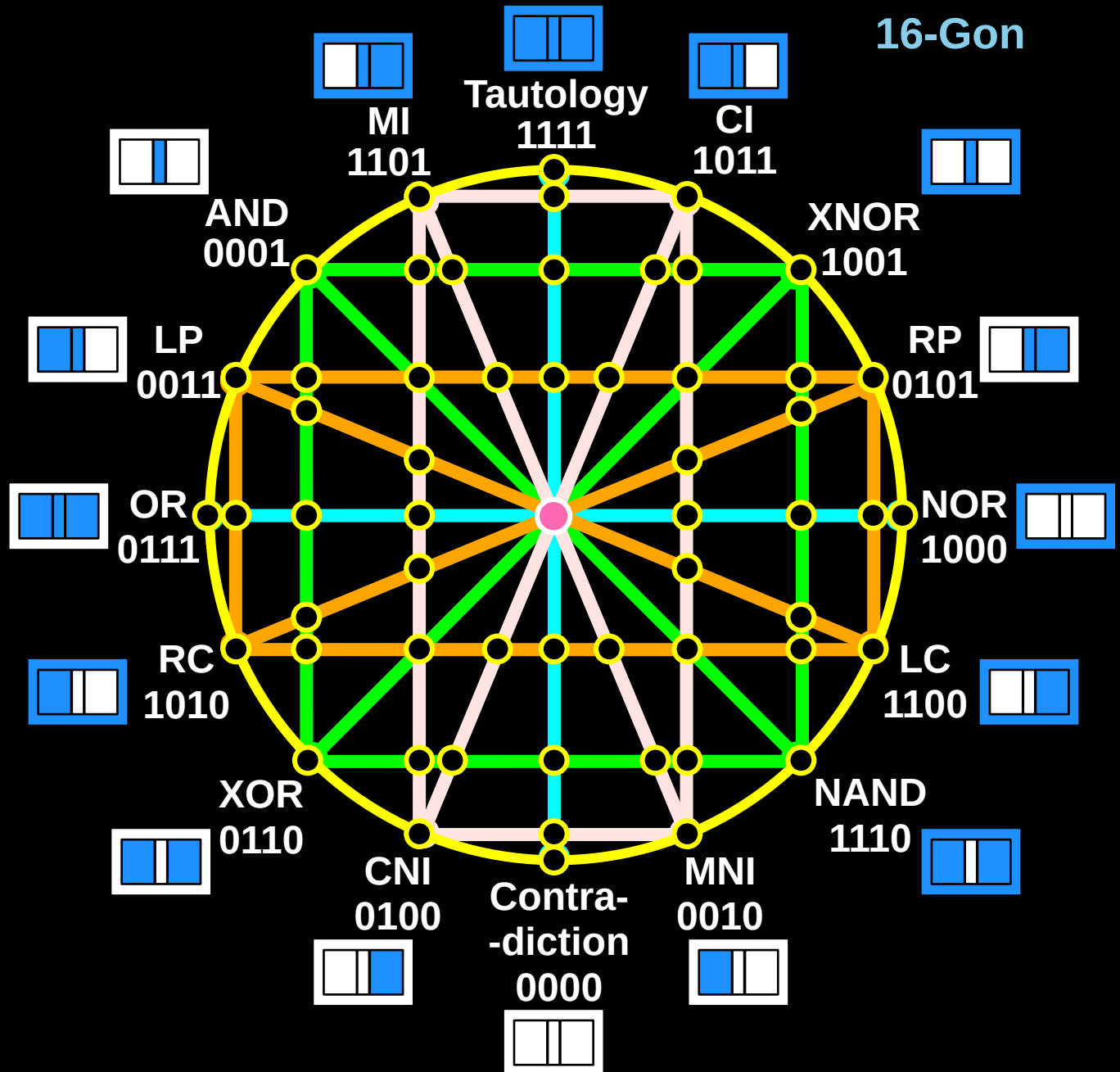
```
        border-color: rgb(0, 255, 255);
}


.buttonStyle001:active
{
    color: rgb(0, 255, 255);
}
```

True Artificial Intelligence System

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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Dedicated to God the Father

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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