Topalian JavaScript Password Generator 002

by
Christopher Andrew Topalian

Dedicated
to
God the Father

Topalian_JavaScript_Passwo
rd_Generator

Launch.html

Double Click **Launch.html**

Password Generator

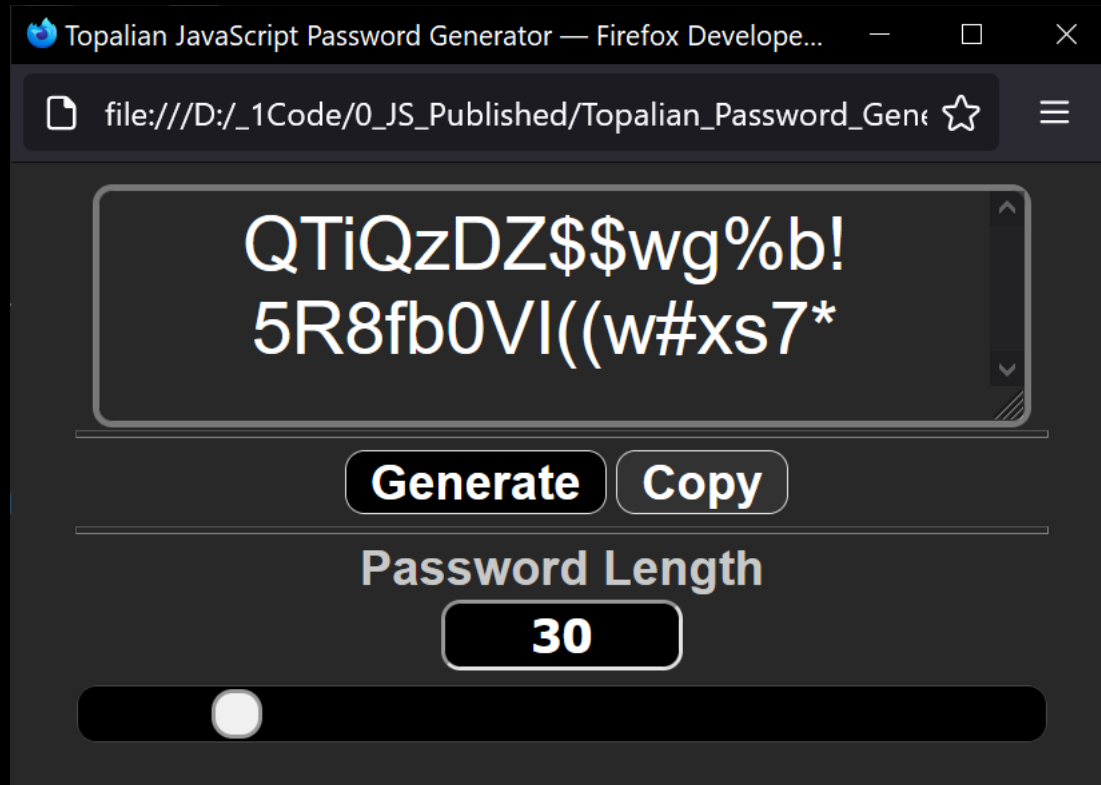# Launch.html

Topalian JavaScript Password Generator — Firefox Develope... — □ ✕

file:///D:/_1Code/0_JS_Published/Topalian_Password_Gene ☆ ☰

QTiQzDZ$$wg%b!
5R8fb0Vl((w#xs7*

Generate **Copy**

Password Length

30

Topalian_JavaScript_Password_Generator.html

Topalian JavaScript Password Generator — Firefox Develope...

file:///D:/_1Code/0_JS_Published/Topalian_Password_Gene

VJ$VHUo9NmKBaWt#2B#
*DzxeC8eXpqKv(MvaL9xF
V5QKK8K&E17e-0mr#wa2

Generate **Copy**

Password Length

200

Topalian JavaScript Password Generator — Firefox Develope...

file:///D:/_1Code/0_JS_Published/Topalian_Password_Gene

7QQP33trZeiuFmVVTflsQ
QN)I&sShtr-gb!
(NYe$8YZHUI5IziRCfI i^te

Generate **Copy**

Password Length

200000

```html
<!-- Dedicated to God the Father -->

<!-- All Rights Reserved Christopher Andrew
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<!-- https://github.com/ChristopherTopalian --
>

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

<!-- Launch.html -->

<html>
<head>
<title> Topalian JavaScript Password
Generator Launcher </title>
```
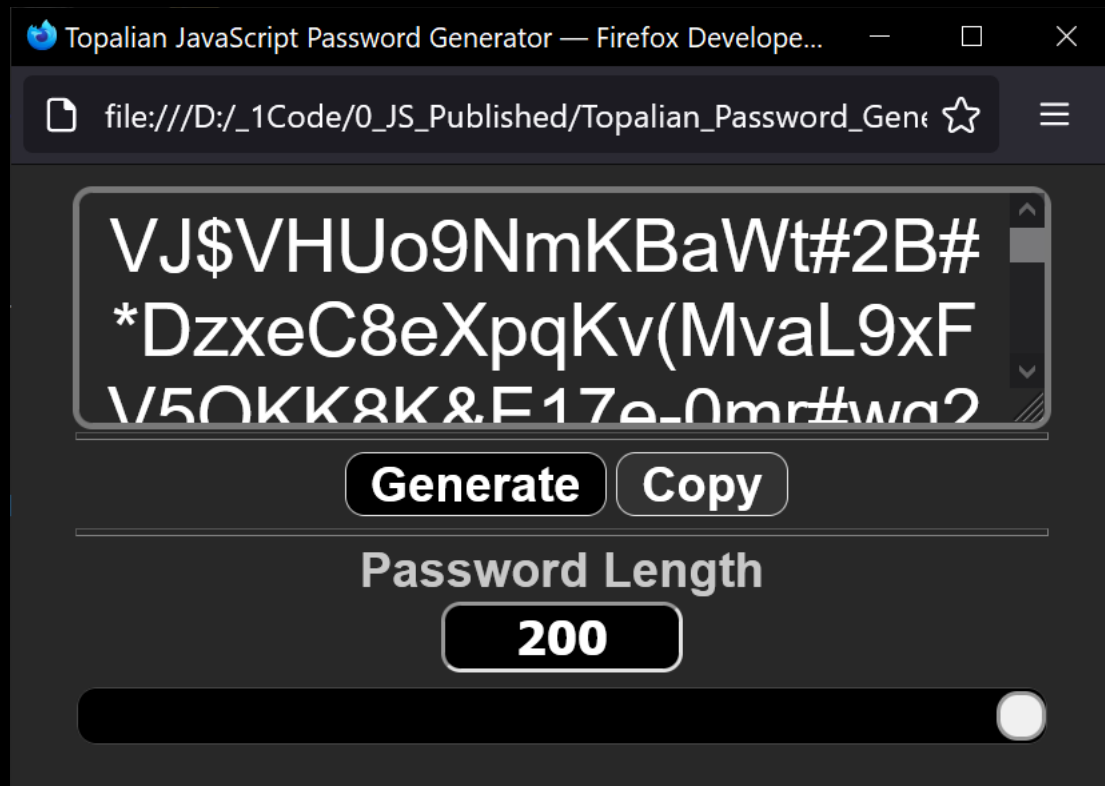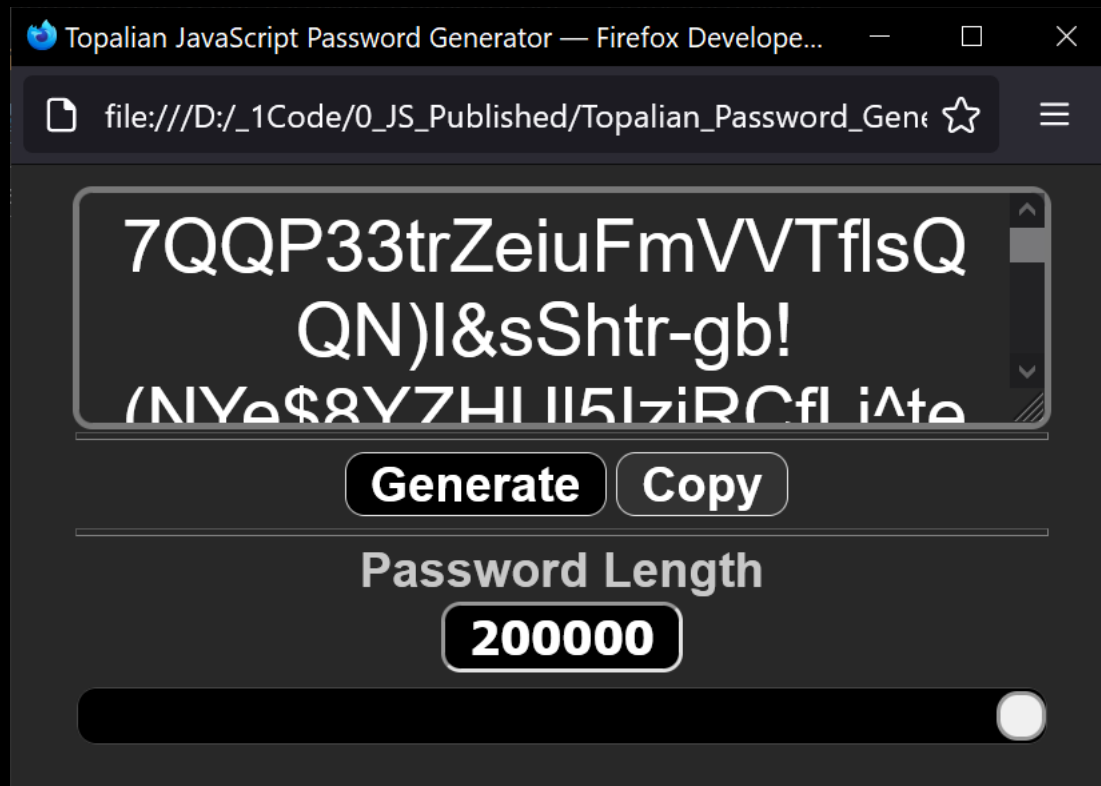
```
<style>

body
{
    background-color: rgb(40, 40, 40);

    background-image:
url('Topalian_JavaScript_Password_Generato
r/texture/code.webp');

    font-size: 20px;
    font-weight: bold;
    color: rgb(255, 255, 255);
}


.buttonLauncher
{
```

```css
        position: fixed;
        left: 20px;
        top: 20px;
        width: 200px;
        height: 100px;
        border-style: solid;
        border-width: 5px;
        border-radius: 5px;
        border-color: rgb(0, 0, 0);
        background-color: rgb(5, 5, 84);
        font-size: 30px;
        font-weight: bold;
        color: white;
        line-height: 30px;
    }


    .buttonLauncher:hover
    {
```

```css
    border-color: rgb(0, 255, 255);
    color: rgb(0, 255, 255);
    cursor: pointer;
}

.buttonLauncher:active
{
    border-color: rgb(255, 255, 255);
    color: rgb(255, 255, 255);
}

</style>

<script>

function createWindow()
{
```

```javascript
    let newWindow =
window.open("Topalian_JavaScript_Passwor
d_Generator/Topalian_JavaScript_Password_
Generator.html", "", "left = 10 top = 10 width =
450, height = 255", true);

    // wait a specified duration and then
remove the launcher
    setTimeout(function()
    {
        window.close();
    }, 500);
}

</script>

</head>
```

```html
<body>

<button onclick = "createWindow();" class =
'buttonLauncher'> Password Generator
</button>

</body>

</html>
```

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

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

<!--
Topalian_JavaScript_Password_Generator.ht
ml -->

<!-- Version 002 -->
```

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

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

<script>

// current passwordLength is 12
let passwordLength = 12;

// we can comment out any symbols that we
don't want to include in the password
generation
let symbolsArray = [
"a",
```

"b",
"c",
"d",
"e",
"f",
"g",
"h",
"i",
"j",
"k",
"l",
"m",
"n",
"o",
"p",
"q",
"r",
"s",

"t",
"u",
"v",
"w",
"x",
"y",
"z",
"A",
"B",
"C",
"D",
"E",
"F",
"G",
"H",
"I",
"J",
"K",

"L",
"M",
"N",
"O",
"P",
"Q",
"R",
"S",
"T",
"U",
"V",
"W",
"X",
"Y",
"Z",
0,
1,
2,

```
3,
4,
5,
6,
7,
8,
9,
"!",
"@",
"#",
"$",
"%",
"^",
"&",
"*",
"(",
")",
"_"
```

```javascript
];

function createPasswordGenerator()
{
    let mainDiv =
document.createElement("div");
    mainDiv.className = "mainDiv";
    document.body.append(mainDiv);

    let passwordTextBox =
document.createElement("textarea");
    passwordTextBox.className =
"passwordTextBox";
    passwordTextBox.id = "passwordTextBox";
    mainDiv.append(passwordTextBox);

    //-//
```

```javascript
    let lineBelowPasswordTextBox =
document.createElement("hr");

mainDiv.append(lineBelowPasswordTextBox)
;

    //-//

    let buttonSection =
document.createElement('div');
    mainDiv.append(buttonSection);

    //-//

    let generateButton =
document.createElement("button");
    generateButton.className = "button001";
    generateButton.innerHTML = "Generate";
```

```javascript
   generateButton.onclick = function()
   {

generateRandomPassword(symbolsArray);
   };

   buttonSection.append(generateButton);

   let copyButton =
document.createElement("button");
   copyButton.className = "button002";
   copyButton.innerHTML = "Copy";

   copyButton.onclick = function()
   {
      copyText();
   };
```

```
buttonSection.append(copyButton);

//-//

let lineBelowCopyButton =
document.createElement("hr");
mainDiv.append(lineBelowCopyButton);

//-//

let passwordLengthTitle =
document.createElement("div");
passwordLengthTitle.className =
"passwordLengthTitle";
passwordLengthTitle.innerHTML =
"Password Length";
mainDiv.append(passwordLengthTitle);
```

```javascript
//-//

    let passwordLengthTextBox =
document.createElement("input");
    passwordLengthTextBox.className =
"passwordLengthTextBox";
    passwordLengthTextBox.id =
"passwordLengthTextBox";
    passwordLengthTextBox.value =
passwordLength;

    passwordLengthTextBox.onkeyup =
function()
    {
        passwordLength =
passwordLengthTextBox.value;
```

```
document.getElementById("passwordLength
Slider").value = passwordLength;
    };

    mainDiv.append(passwordLengthTextBox);

    //-//

    let passwordLengthSlider =
document.createElement("input");
    passwordLengthSlider.className =
"passwordLengthSlider";
    passwordLengthSlider.id =
"passwordLengthSlider";
    passwordLengthSlider.type = "range";
    passwordLengthSlider.min = 1;
    passwordLengthSlider.max = 200;
```

```
    passwordLengthSlider.value =
passwordLength;

    passwordLengthSlider.oninput = function()
    {

document.getElementById("passwordLength
TextBox").value =
passwordLengthSlider.value;

    passwordLength =
document.getElementById("passwordLength
TextBox").value =
passwordLengthSlider.value;
    };

    mainDiv.append(passwordLengthSlider);
}
```

```javascript
function copyText()
{
    let copyText =
document.getElementById("passwordTextBo
x");

    copyText.select();

    copyText.setSelectionRange(0, 1000);

    document.execCommand("copy");

console.log(document.getElementById("pass
wordTextBox").value);
}
```

```
function
generateRandomPassword(whichArray)
{
    // make an empty array named
randomSymbolsArray
    let randomSymbolsArray = [];

    for (let i = 0; i < passwordLength; i++)
    {
        // for loop through whichArray
        for (let x = 0; x < whichArray.length; x++)
        {
            // add the random symbol to
randomSymbolsArray

randomSymbolsArray.push(whichArray[Math
.floor(Math.random() * whichArray.length)]);
        }
```

```
    }

    // remove comma from
randomSymbolsArray
    randomSymbolsArray =
randomSymbolsArray.join("");

    // passwordLength is currently set to 12
    // below, we use the slice function to
extract 12 items from randomSymbolsArray
to create the random password
    // slice function has start and end
parameters
    // we start the extraction at 0, and end the
extraction up to, but not including the end: 12
    // 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 means that
we have extracted 12 items from
randomSymbolsArray
```

```
    randomSymbolsArray =
randomSymbolsArray.slice(0,
passwordLength);

    // show the generated password
randomSymbolsArray

document.getElementById("passwordTextBo
x").innerHTML = randomSymbolsArray;
}

function whenLoaded()
{
    createPasswordGenerator();

    generateRandomPassword(symbolsArray);
}
```

```
</script>

</head>

<body onload = "whenLoaded();">

</body>

</html>
```

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

/* All Rights Reserved Christopher Andrew
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/* https://github.com/ChristopherTopalian */

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

/* style001.css */

body
{
    background-color: rgb(40, 40, 40);
}
```

```css
hr
{
    width: 400px;
    padding-top: 1px;
    padding-bottom: 1px;
    line-height: 1px;
    margin-top: 1px;
    margin-bottom: 1px;
}

.mainDiv
{
    position: relative;
    top: 0px;
    display: flex;
    flex-direction: column;
    align-items: center;
}
```

```css
.button001
{
    margin: 4px;
    padding-left: 10px;
    padding-right: 10px;
    border-style: solid;
    border-width: 1px;
    border-radius: 8px;
    background-color: rgb(0, 0, 0);
    font-family: arial;
    font-size: 20px;
    font-weight: bold;
    color: rgb(255, 255, 255);
    text-align: center;
}

.button001:hover
```

```css
{
    border-color: rgb(0, 255, 255);
}


.button001:active
{
    position: relative;
    top: 1px;
    color: rgb(0, 255, 255);
}


.button002
{
    padding-left: 10px;
    padding-right: 10px;
    border-style: solid;
    border-width: 1px;
    border-radius: 8px;
```

```css
    background-color: rgb(50, 50, 50);
    font-family: arial;
    font-size: 20px;
    font-weight: bold;
    color: rgb(255, 255, 255);
    text-align: center;
}

.button002:hover
{
    border-color: rgb(0, 255, 255);
}

.button002:active
{
    position: relative;
    top: 1px;
    color: rgb(0, 255, 255);
```

```css
}

.passwordTextBox
{
    height: 100px;
    padding-left: 10px;
    padding-right: 10px;
    padding-top: 5px;
    padding-bottom: 5px;
    margin-bottom: 0px;
    background-color: rgb(40, 40, 40);
    border-style: solid;
    border-width: 3px;
    border-color: rgb(120, 120, 120);
    border-radius: 8px;
    font-family: arial;
    font-size: 30px;
    color: rgb(255, 255, 255);
```

```css
        text-align: center;
        overflow-y: scroll;
}


.passwordLengthTitle
{
        padding-top: 1px;
        margin-top: 0px;
        margin-bottom: 0px;
        font-family: arial;
        font-size: 20px;
        font-weight: bold;
        color: rgb(200, 200, 200);
}


.passwordLengthTextBox
{
        width: 100px;
```
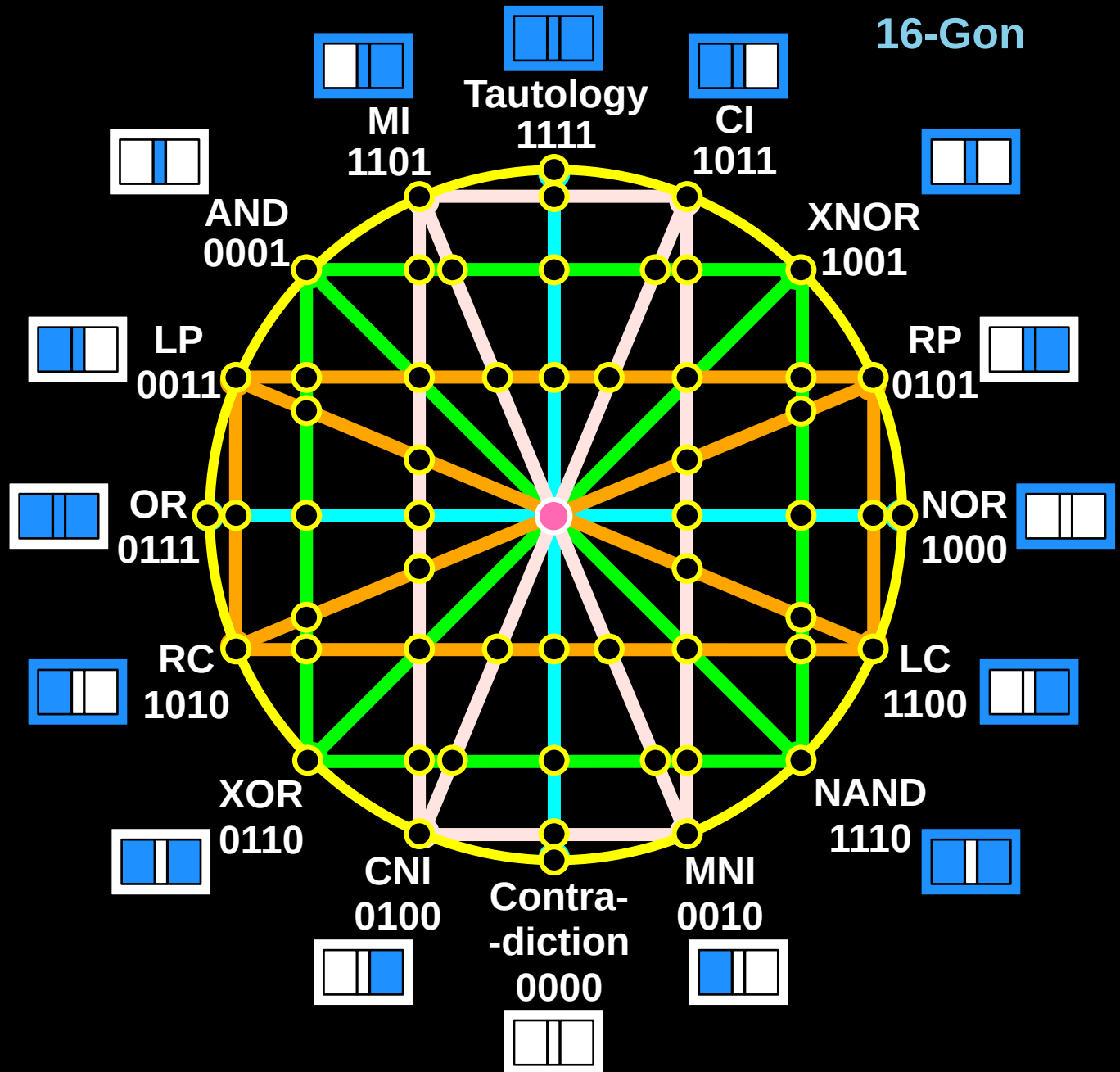
```css
        margin-top: 1px;
        margin-bottom: 4px;
        border-radius: 8px;
        background-color: rgb(0, 0, 0);
        font-size: 20px;
        font-weight: bold;
        color: rgb(255, 255, 255);
        text-align: center;
        resize: none;
}

.passwordLengthSlider
{
        margin-top: 2px;
        width: 400px;
        border-style: solid;
        border-width: 1px;
        border-color: rgb(70, 70, 70);
```

```css
    border-radius: 8px;
    background-color: rgb(0, 0, 0);
    -webkit-appearance: none;
    -moz-appearance: none;
    appearance: none;
}
```

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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Christopher Topalian

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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