

# Topalian JavaScript List Generator

by  
**Christopher Andrew Topalian**

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# **Dedicated to God the Father**

Topalian JavaScript List Generator  
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Add Text Box

Topalian JavaScript List Generator

Array

Comma Separated List in a Row

List in a Column

Comma Separated List in a Column

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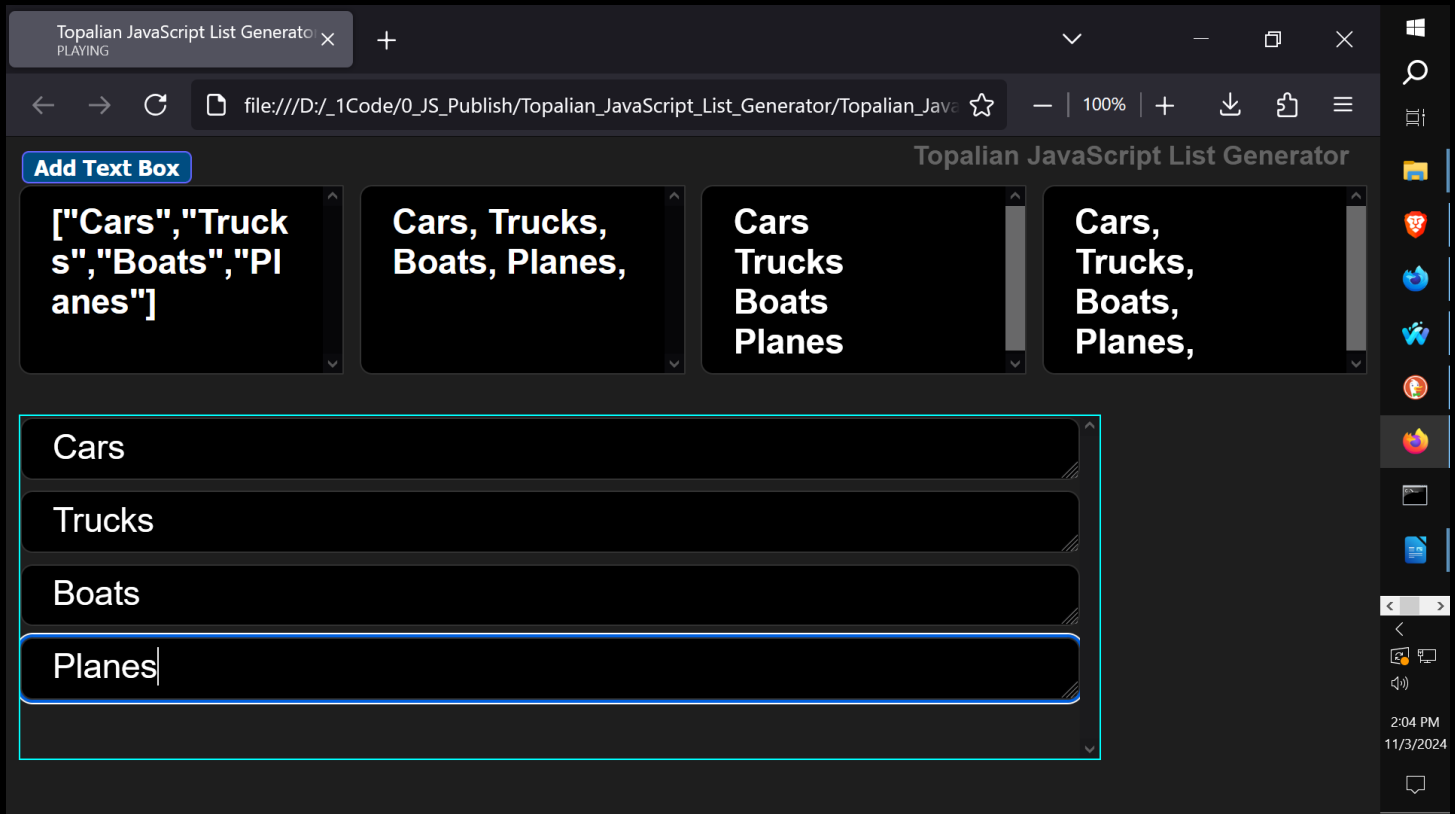
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```
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<!--
https://github.com/ChristopherAndrewTopalian
-->
<!-- https://github.com/ChristopherTopalian -->
<!--
Topalian_JavaScript_List_Generator_(Online_V
ersion).html -->
<!-- Version 001 - (2024-11-03) -->
```

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

```
<style>
```

```
/* style001.css */
```

```
body
{
    background-color: rgb(30, 30, 30);
    font-weight: bold;
```

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

## **button**

```
{  
  background-color: rgb(0, 77, 129);  
  margin-left: 2px;  
  margin-right: 2px;  
  margin-top: 1px;  
  margin-bottom: 1px;  
  border-style: solid;  
  border-width: 1px;  
  border-color: rgb(100, 100, 255);  
  border-radius: 4px;  
  padding-left: 7px;  
  padding-right: 7px;  
  padding-top: 1px;  
  padding-bottom: 1px;  
  opacity: 1.0;  
  font-size: 14px;  
  font-weight: bold;  
  color: rgb(255, 255, 255);  
  text-align: center;  
}
```

## **button:hover**

```
{  
  background-color: rgb(7, 31, 47);  
  border-color: rgb(0, 255, 255);  
  color: rgb(0, 255, 255);  
  cursor: pointer;  
}
```

### **button:active**

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

### **div:hover**

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

### **.textEntry**

```
{  
  background-color: rgb(0, 0, 0);  
  border: solid 1px rgb(50, 50, 50);  
  border-radius: 8px;  
  padding-left: 20px;  
  padding-right: 20px;  
  padding-top: 5px;  
  padding-bottom: 5px;  
}
```

```
font-family: arial;  
font-size: 22px;  
color: rgb(255, 255, 255);  
}
```

```
.reportContainer  
{  
    display: flex;  
    flex-direction: row;  
    gap: 10px;  
}
```

```
.stringifiedArrayDiv  
{  
    width: 300px;  
    height: 100px;  
    border: solid 1px rgb(50, 50, 50);  
    border-radius: 8px;  
    background-color: rgb(0, 0, 0);  
    padding-left: 20px;  
    padding-right: 20px;  
    padding-top: 10px;  
    padding-bottom: 10px;  
    color: rgb(255, 255, 255);  
    overflow-y: scroll;  
    word-wrap: break-word;
```



```
}
```

## **.listColumnDiv**

```
{  
  width: 300px;  
  height: 100px;  
  border: solid 1px rgb(50, 50, 50);  
  border-radius: 8px;  
  background-color: rgb(0, 0, 0);  
  padding-left: 20px;  
  padding-right: 20px;  
  padding-top: 10px;  
  padding-bottom: 10px;  
  color: rgb(255, 255, 255);  
  overflow-y: scroll;  
}
```

## **.csvListDiv**

```
{  
  width: 300px;  
  height: 100px;  
  border: solid 1px rgb(50, 50, 50);  
  border-radius: 8px;  
  background-color: rgb(0, 0, 0);  
  padding-left: 20px;  
  padding-right: 20px;
```

```
padding-top: 10px;  
padding-bottom: 10px;  
color: rgb(255, 255, 255);  
overflow-y: scroll;  
word-wrap: break-word;  
}
```

### **.listRowDiv**

```
{  
  width: 300px;  
  height: 100px;  
  border: solid 1px rgb(50, 50, 50);  
  border-radius: 8px;  
  background-color: rgb(0, 0, 0);  
  padding-left: 20px;  
  padding-right: 20px;  
  padding-top: 10px;  
  padding-bottom: 10px;  
  color: rgb(255, 255, 255);  
  overflow-y: scroll;  
  word-wrap: break-word;  
}
```

### **.entriesContainer**

```
{  
  border: solid 1px rgb(50, 50, 50);
```

```
display: flex;  
flex-direction: column;  
overflow-y: scroll;  
gap: 5px;  
}
```

```
/*----*/
```

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

```
/* All Rights Reserved Christopher Andrew  
Topalian Copyright 2000-2024 */
```

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

```
/*
```

```
https://github.com/ChristopherAndrewTopalian  
*/
```

```
/*
```

```
https://sites.google.com/view/CollegeOfScripting  
*/
```

```
</style>
```

```
<script>
```

```
// shortcuts.js
```

```
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 ct(whichText)  
{  
    let result =  
document.createTextNode(whichText);  
    return result;  
}
```

```
function cl(whichMessage)
{
    let result = console.log(whichMessage);
    return result;
}
```

```
function gr(whichId)
{
    let result =
ge(whichId).getBoundingClientRect();
    return result;
}
```

```
//----//
```

```
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//
// https://github.com/ChristopherAndrewTopalian
//
// https://sites.google.com/view/CollegeOfScripti
// ng
```

```
// worldVariables.js
```

```
let theTextEntryId = 0;
```

```
let textArray = [];
```

```
//----//
```

```
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```

```
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```
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```

```
//
```

```
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```

```
//
```

```
https://sites.google.com/view/CollegeOfScripting
```

```
// makeEntriesContainer.js
```

```
function makeEntriesContainer()
```

```
{
```

```
    let entriesContainer = ce('div');
```

```
    entriesContainer.id = 'entriesContainer';
```

```
    entriesContainer.className =
```

```
'entriesContainer';
```

```
entriesContainer.style.width = 80 + '%';  
entriesContainer.style.height = 220 + 'px';  
ba(entriesContainer);  
}
```

```
//----//
```

```
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ng// makeInterface.js
```

```
function makeInterface()  
{  
    let mainDiv = ce("div");  
    mainDiv.id = 'mainDivApp';  
    ba(mainDiv);  
  
    //-//  
  
    let buttonAdd = ce("button");
```

```
buttonAdd.textContent = "Add Text Box";  
buttonAdd.onmouseover = function()  
{  
    hoverSound();  
};  
buttonAdd.onclick = function()  
{  
    clickSound();  
    makeTextEntryInput();  
};  
mainDiv.append(buttonAdd);
```

```
//-//
```

```
let reportContainer = ce("div");  
reportContainer.id = "reportContainer";  
reportContainer.className =  
'reportContainer';  
mainDiv.append(reportContainer);
```

```
//-//
```

```
let stringifiedArrayDiv = ce("div");  
stringifiedArrayDiv.id = 'stringifiedArrayDiv';  
stringifiedArrayDiv.title =  
'stringifiedArrayDiv';
```



```
stringifiedArrayDiv.innerHTML = 'Array';  
stringifiedArrayDiv.className =  
"stringifiedArrayDiv";  
stringifiedArrayDiv.onmouseover =  
function()  
{  
    hoverSound();  
};  
reportContainer.append(stringifiedArrayDiv);  
  
//-//
```

```
let listRowDiv = ce("div");  
listRowDiv.id = 'listRowDiv';  
listRowDiv.title = 'listRowDiv';  
listRowDiv.innerHTML = 'Comma Separated  
List in a Row';  
listRowDiv.className = 'listRowDiv';  
listRowDiv.onmouseover = function()  
{  
    hoverSound();  
};  
reportContainer.append(listRowDiv);  
  
//-//
```

```
let listColumnDiv = ce("div");
listColumnDiv.id = 'listColumnDiv';
listColumnDiv.title = 'listColumnDiv';
listColumnDiv.innerHTML = 'List in a
Column';
listColumnDiv.className = 'listColumnDiv';
listColumnDiv.onmouseover = function()
{
    hoverSound();
};
reportContainer.append(listColumnDiv);

//-
```

```
let csvListDiv = ce("div");
csvListDiv.id = 'csvListDiv';
csvListDiv.title = 'csvListDiv';
csvListDiv.innerHTML = 'Comma Separated
List in a Column';
csvListDiv.className = 'csvListDiv';
csvListDiv.onmouseover = function()
{
    hoverSound();
};
reportContainer.append(csvListDiv);
```

```
//-//
```

```
mainDiv.append(ce('br'));  
}
```

```
//----//
```

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ng
```

```
// makeTextEntryInput.js
```

```
function makeTextEntryInput()  
{  
    theTextEntryId += 1;  
  
    let textEntry = ce("textarea");  
    textEntry.id = theTextEntryId;  
    textEntry.title = textEntry.id;
```

```
textEntry.className = "textEntry";
textEntry.style.height = 40 + 'px';
textEntry.onclick = function()
{
    clickSound();
};
textEntry.onkeyup = function()
{
    getAllTextareas();
};
ge('entriesContainer').append(textEntry);
}
```

```
//----//
```

```
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// https://github.com/ChristopherAndrewTopalian
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// https://sites.google.com/view/CollegeOfScripting
```

```
// makeTitleOfApp.js
```

```
function makeTitleOfApp()
{
    let mainDiv = ce('div');
    mainDiv.style.position = 'absolute';
    mainDiv.style.right = '20px';
    mainDiv.style.top = '2px';
    mainDiv.style.zIndex = 1;
    ba(mainDiv);

    //-//

    let titleOfApp = ce('a');
    titleOfApp.id = 'titleOfApp';
    titleOfApp.textContent = 'Topalian JavaScript
List Generator';
    titleOfApp.href =
'https://github.com/christophertopalian/';
    titleOfApp.target = '_blank';
    titleOfApp.style.fontSize = '17px';
    titleOfApp.style.fontWeight = 'bold';
    titleOfApp.style.textDecoration = 'none';
    titleOfApp.style.color = 'rgb(100, 100, 100)';
    mainDiv.append(titleOfApp);
}
```

```
//----//
```

```
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```
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```
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```

```
//
```

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```

```
//
```

```
https://sites.google.com/view/CollegeOfScripting
```

```
// getAllTextareas.js
```

```
function getAllTextareas()
```

```
{
```

```
    textArray = [];
```

```
    let theTextareas =
```

```
document.getElementsByTagName("textarea");
```

```
    for (let x = 0; x < theTextareas.length; x++)
```

```
    {
```

```
        textArray.push(theTextareas[x].value);
```

```
    }
```

```
cl(textArray);

// show result as JSON stringified array
ge("stringifiedArrayDiv").innerHTML =
JSON.stringify(textArray);

let theString = "";

for (let z = 0; z < theTextareas.length; z++)
{
    theString += theTextareas[z].value;

    theString += "<br>";
}

// send theString to listColumnDiv
ge("listColumnDiv").innerHTML = theString;

//----//

let theString2 = "";

for (let z = 0; z < textArray.length; z++)
{
    theString2 += textArray[z] + ', ';
    theString2 += "<br>";
}
```

```
}
```

```
// send theString2 to csvListDiv
```

```
ge('csvListDiv').innerHTML = theString2;
```

```
//-//
```

```
let theString3 = "";
```

```
for (let j = 0; j < textArray.length; j++)
```

```
{
```

```
    theString3 += textArray[j] + ', ';
```

```
}
```

```
// send theString3 to listRowDiv
```

```
ge('listRowDiv').innerHTML = theString3;
```

```
//-//
```

```
return textArray;
```

```
}
```

```
//----//
```

```
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```



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ng
```

```
// sound.js
```

```
let audioCtx = new (window.AudioContext ||  
window.webkitAudioContext)();
```

```
function playTone(frequency, duration,  
waveType, volume, detune, attackTime,  
releaseTime, panValue)  
{  
  let oscillator = audioCtx.createOscillator();  
  // 'sine', 'square', 'sawtooth', 'triangle'  
  oscillator.type = waveType;
```

```
oscillator.frequency.setValueAtTime(frequency,  
audioCtx.currentTime);  
  oscillator.detune.setValueAtTime(detune,  
audioCtx.currentTime);
```

```
let gainNode = audioCtx.createGain();
let pannerNode =
audioCtx.createStereoPanner();

oscillator.connect(gainNode);
gainNode.connect(pannerNode);
pannerNode.connect(audioCtx.destination);

gainNode.gain.setValueAtTime(0,
audioCtx.currentTime);

// attack

gainNode.gain.linearRampToValueAtTime(volu
me, audioCtx.currentTime + attackTime);
gainNode.gain.linearRampToValueAtTime(0,

// release
audioCtx.currentTime + duration / 1000 -
releaseTime);

pannerNode.pan.setValueAtTime(panValue,
audioCtx.currentTime);

oscillator.start();
```

```
    oscillator.stop(audioCtx.currentTime +  
duration / 1000);  
}
```

```
function hoverSound()  
{  
    playTone(  
        300,    // frequency  
        500,    // duration  
        'sine', // waveType  
        0.2,    // volume  
        50,     // detune  
        0.2,    // attackTime  
        0.2,    // releaseTime  
        -0.5    // panValue -0.5 is left  
    );  
}
```

```
function clickSound()  
{  
    playTone(  
        400,    // frequency  
        500,    // duration  
        'sine', // waveType  
        0.2,    // volume  
        50,     // detune
```

```
    0.2,    // attackTime
    0.2,    // releaseTime
    -0.5    // panValue -0.5 is left
);
}

//--//

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//

// whenLoaded.js

function whenLoaded()
{
    makeInterface();

    makeEntriesContainer();
}
```

```
    makeTitleOfApp();
}

//----//

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//
// https://github.com/ChristopherAndrewTopalian
//
// https://sites.google.com/view/CollegeOfScripti
// ng

</script>

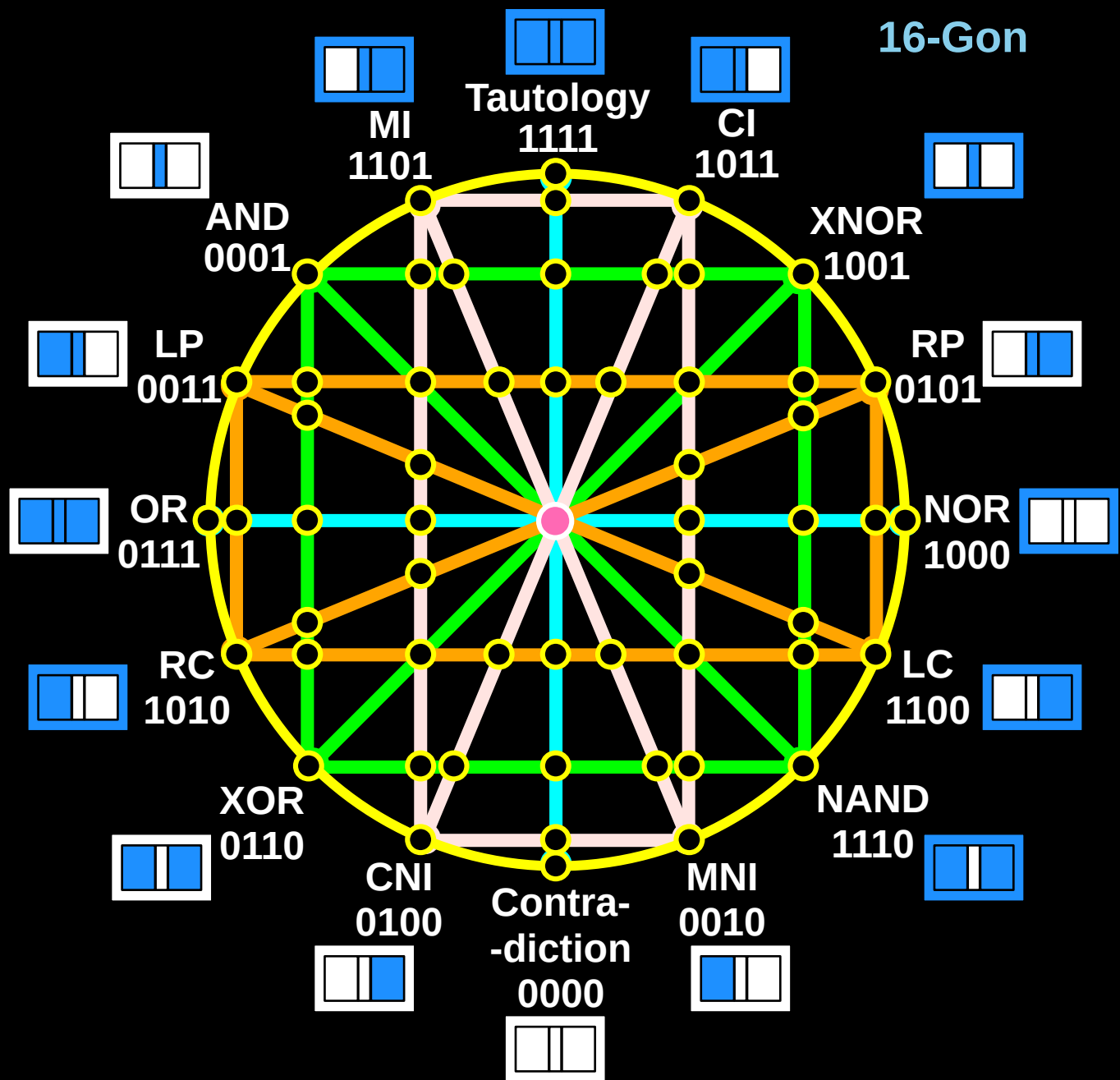
</head>

<body onload = "whenLoaded();">

</body>

</html>
```

# True Artificial Intelligence System



# For More Tutorials:

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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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