Topalian JavaScript Teacher

**by
Christopher Andrew Topalian**

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Christopher Topalian

Dedicated
to
God the Father

JavaScript Teacher

file:///D:/_1Code/0_JS_Apps/Topali

Speed

500

Font Size

20
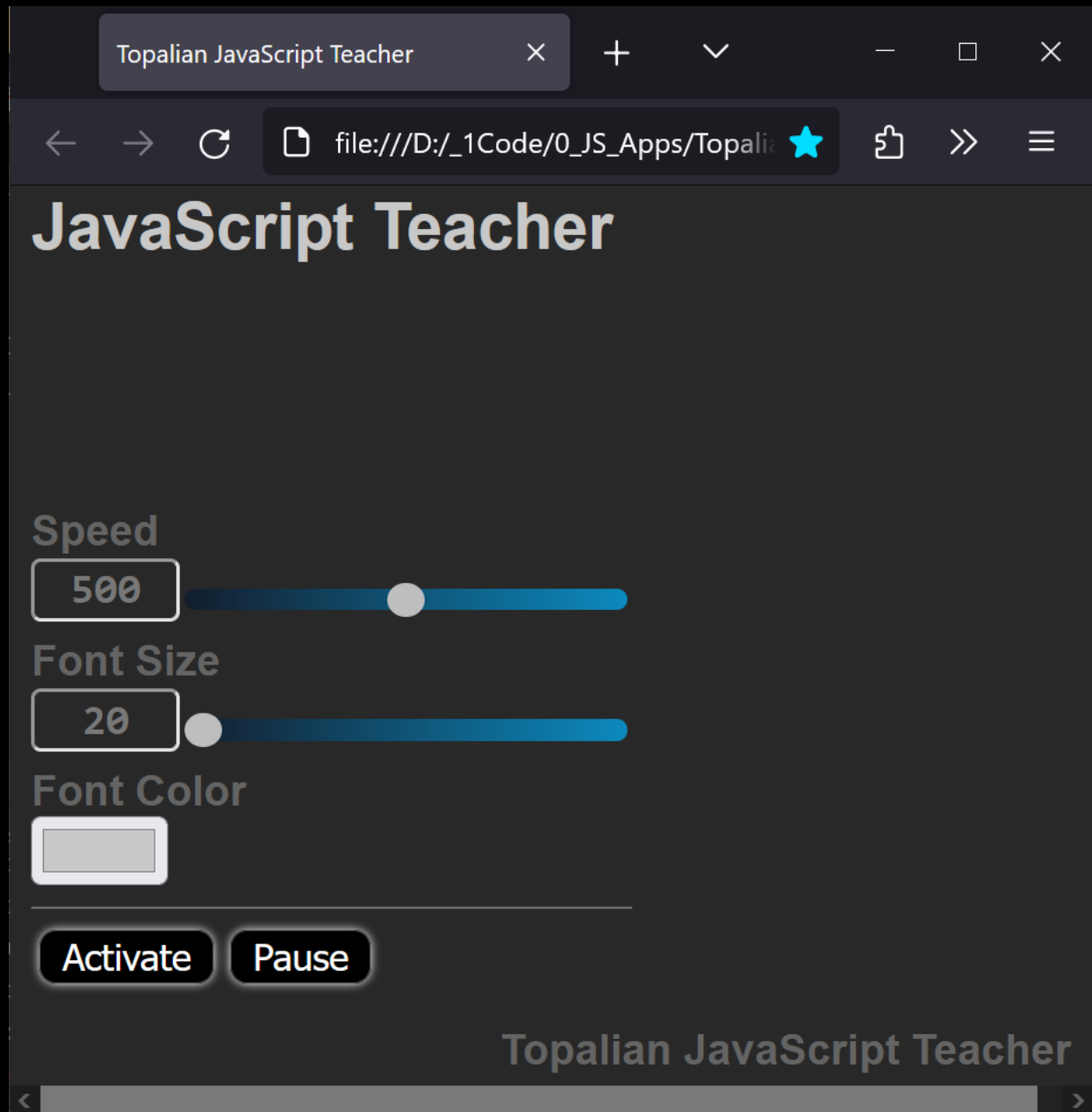
Font Color

Activate   Pause

Topalian JavaScript Teacher

file:///D:/_1Code/0_JS_Apps/Topalia

array.keys()

Speed

500

Font Size

20

Font Color

Activate   Pause

Topalian JavaScript Teacher

file:///D:/_1Code/0_JS_Apps/Topali
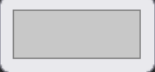
console.trace(label)

Speed

107

Font Size

40

Font Color

Activate Pause

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Topalian JavaScript Teacher

file:///D:/_1Code/0_JS_Apps/Topalia

RegExpObject.constructor

Color

Basic colors:

Custom colors:

Define Custom Colors >>

OK   Cancel

Color|Solid

Hue:	120	Red:	128
Sat:	240	Green:	255
Lum:	180	Blue:	255

Add to Custom Colors

Speed

107

Font Siz

40

Font Co

Activate   Pause

Topalian JavaScript Teacher

file:///D:/_1Code/0_JS_Apps/Topali

array.lastIndexOf(item, start)

Speed

107

Font Size

40

Font Color

Activate   Pause

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file:///D:/_1Code/0_JS_Apps/Topalian

100%

Date.parse(datestring)

Speed

78

Font Size

40

Font Color

Activate   Pause

Topalian JavaScript Teacher

Topalian_JavaScript_Teacher

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Search js

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2worldVariables

3data

make

sound

text

whenLoaded

combineAllJSFilesInto
One.bat
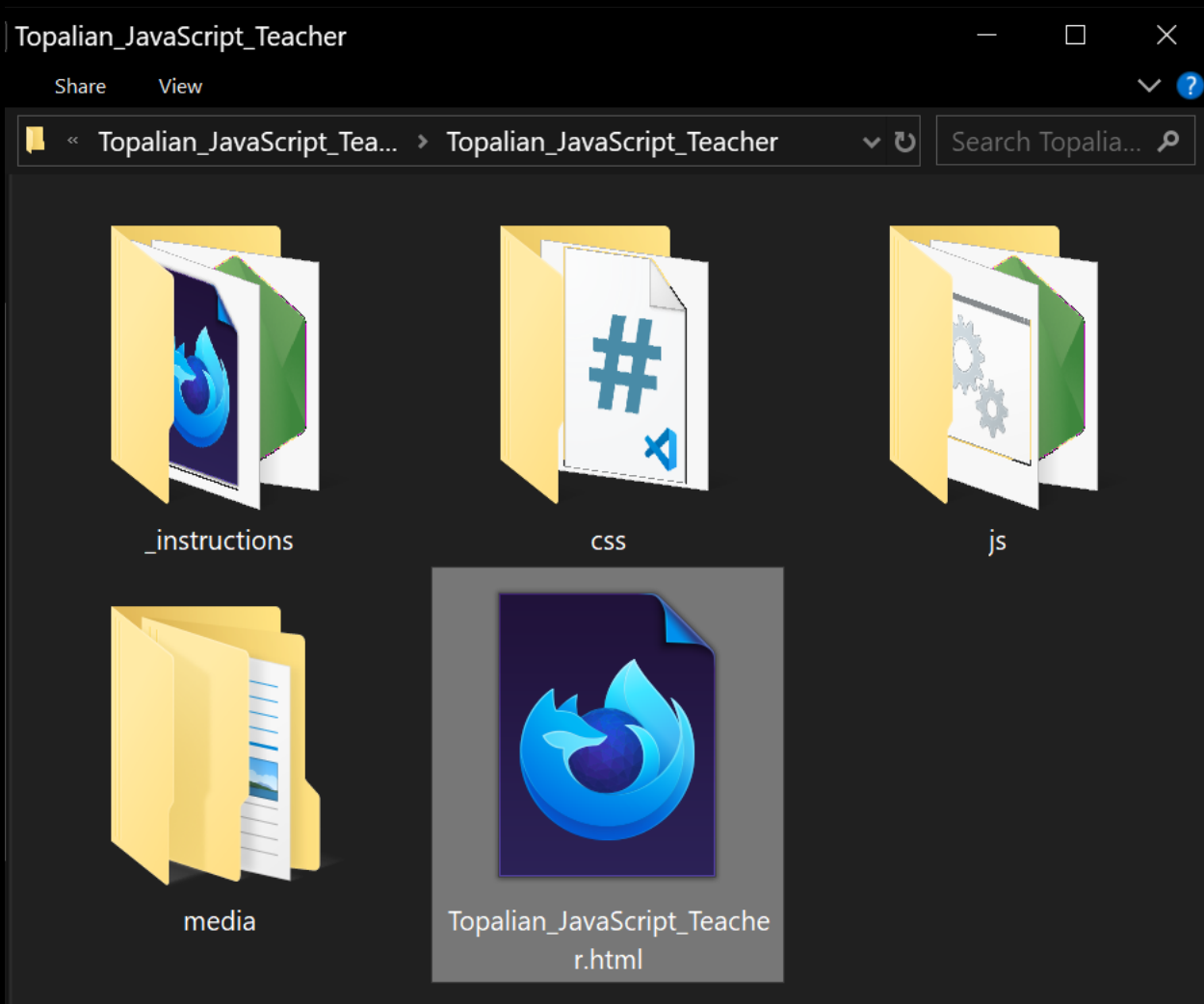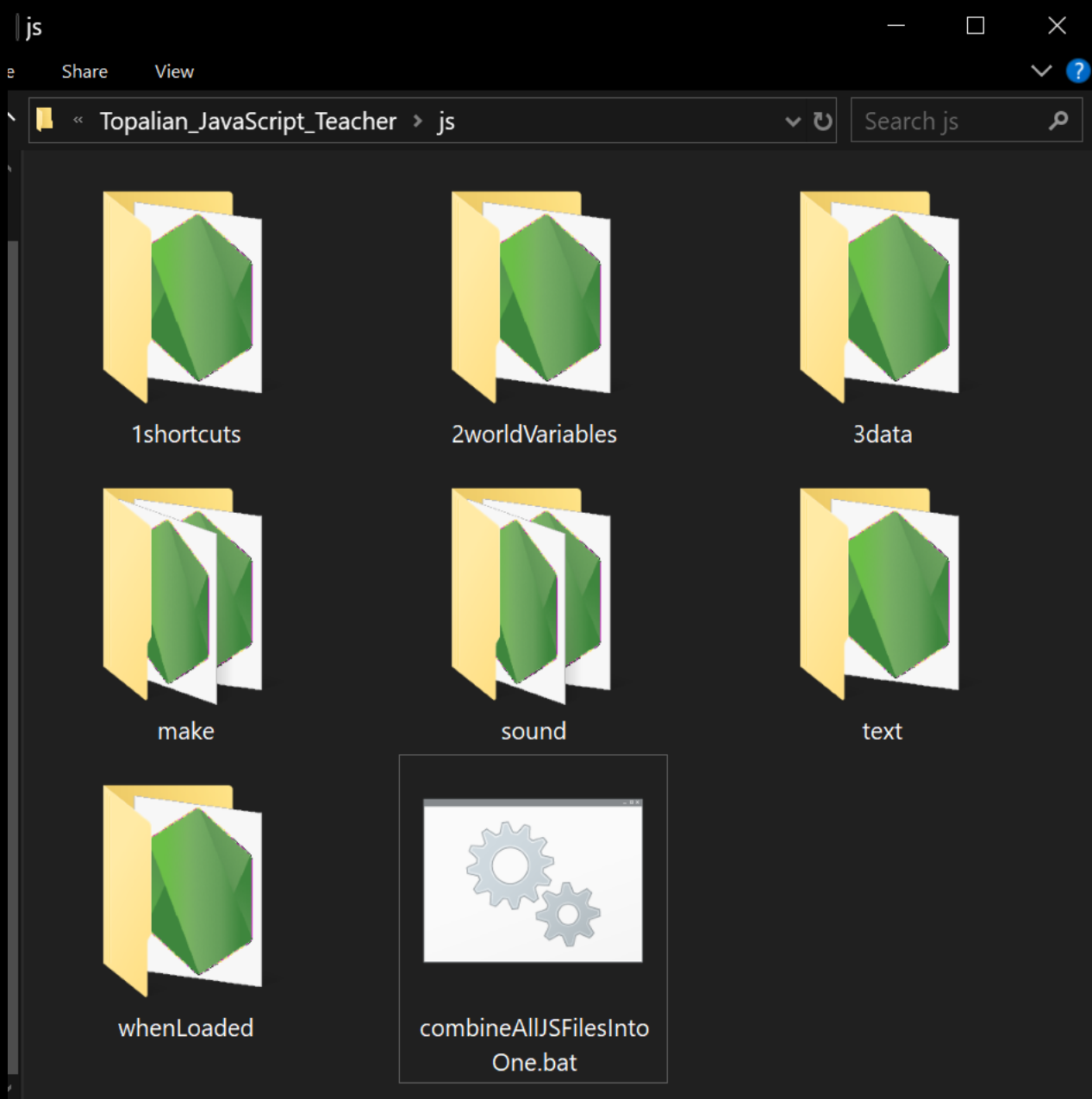
Double Click on combineAllJSFilesIntoOne.bat
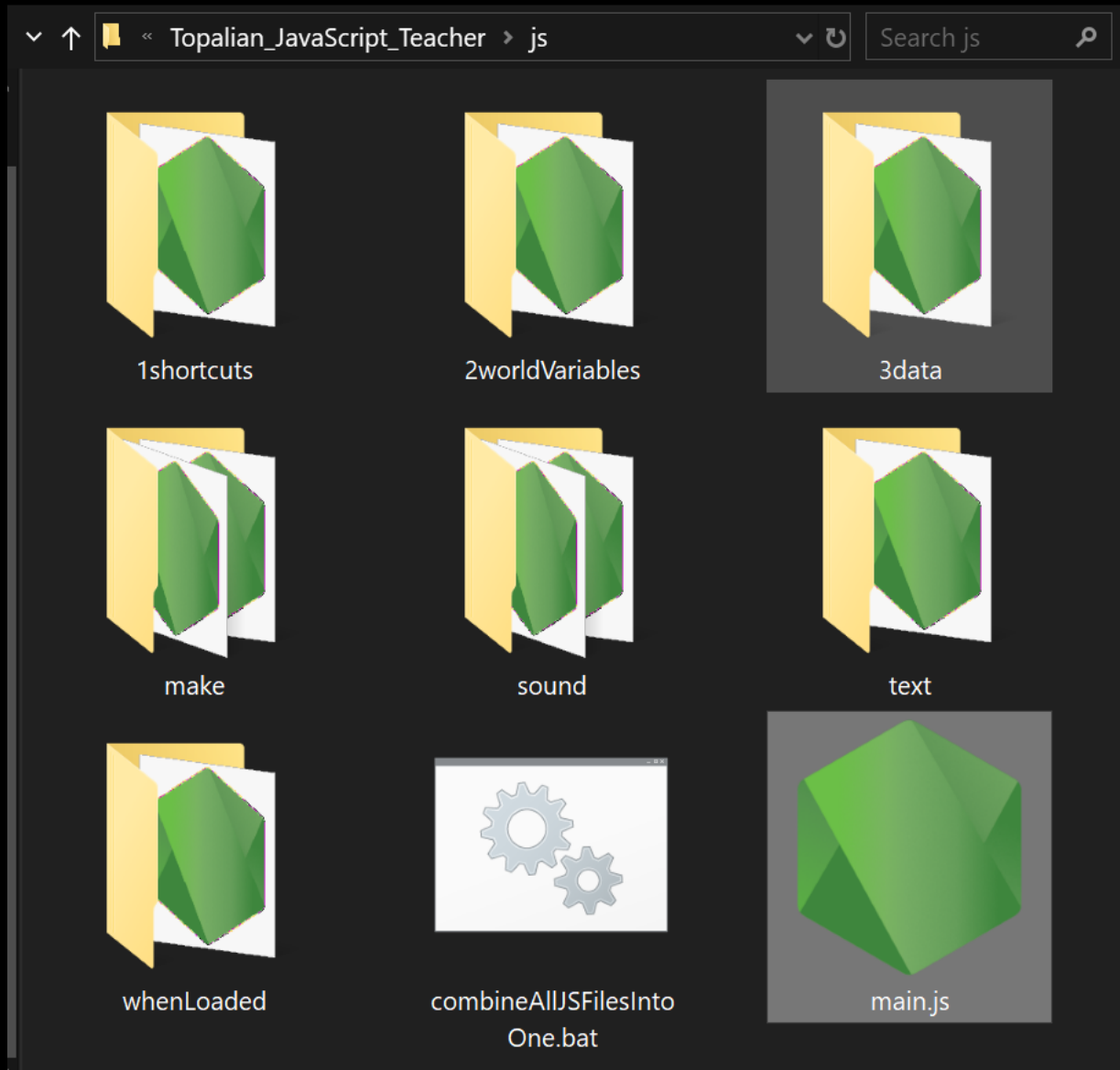
main.js is created and has all .js files in it.

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// HowToCombineJSFilesUsingBatFile.js

We can combine all of the .js files
that are located in our js folder
into one main.js file, using either:
   The Command Prompt Method
   or

The .bat File Method

The .bat file method is very easy.
We double click the bat file, which is located in our js folder, and it will make a main.js file, which includes all .js files in the js folder, including all .js files in all subdirectories of our js folder.

This is a very easy way to combine our .js files, because we can double click the .bat file anytime, and it will again generate the main.js file, which includes all .js files in the js folder, including all .js files in all subdirectories of our js folder. This makes uploading our application online much easier.

Happy Scripting :-)

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:: **This .bat File Combines All .js files in all folders of our project folder, into one main.js file.**

:: **To activate this .bat file, we double click the .bat file, while it is located in our js folder.**

:: **combineAllJSFilesIntoOne.bat**

```batch
@echo off
:: set the output file name
set "output=main.js"

:: clear existing output file
type nul > "%output%"

:: loop through all JavaScript files in
subdirectories
for /r %%i in (*.js) do (
    :: append the content of each file to the
output file
    type "%%i" >> "%output%"
)

echo "JavaScript files combined into
%output% successfully."
```

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

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

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

<!-- Topalian_JavaScript_Teacher.html -->

<!-- Version 001 - (2024-03-31) -->

<html>
<head>
```

```html
<title> Topalian JavaScript Teacher </title>

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

<script src =
'js/1shortcuts/shortcuts.js'></script>

<script src =
'js/2worldVariables/worldVariables.js'></script>

<script src =
'js/3data/jsLanguage.js'></script>

<script src =
'js/make/makeInterface.js'></script>
```

```html
<script src =
'js/make/makeTitleOfApp.js'></script>

<script src = 'js/text/changeText.js'></script>

<script src =
'js/sound/dataSounds.js'></script>

<script src =
'js/sound/loadSounds.js'></script>

<script src = 'js/sound/audioPlay.js'></script>

<script src =
'js/whenLoaded/whenLoaded.js'></script>

</head>
```

```
<body onload = 'whenLoaded();'>

<body>

</html>
```

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

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

/*
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n */

/* style001.css */

body
{
    background-color: rgb(40, 40, 40);
    color: rgb(255, 255, 255);
    overflow: hidden;
```

```css
    }


a
{
    color: rgb(100, 100, 100);
    text-decoration: none;
}


a:hover
{
    text-decoration: underline;
}


.mainDiv
{
    position: absolute;
    width: 100%;
```

```
        display: flex;
        flex-direction: row;
        overflow: hidden;
    }

    .jsTextbox
    {
        position: absolute;
        left: 10px;
        top: 2px;
        width: 100vw;
        height: 250px;
        font-size: 30px;
        font-weight: bold;
        color: rgb(200, 200, 200);
        text-align: left;
        overflow: hidden;
```

```css
        z-index: 1;
}


.controlsDiv
{
    position: absolute;
    left: 10px;
    top: 150px;
    z-index: 2;
}


.titleStyle001
{
    font-family: Arial;
    font-weight: bold;
    color: rgb(100, 100, 100);
}
```

```css
.buttonStyle001
{
    background-color: rgb(0, 0, 0);
    margin-left: 4px;
    margin-right: 4px;
    border: solid 1px rgb(100, 100, 100);
    border-radius: 8px;
    padding-left:  10px;
    padding-right: 10px;
    padding-top: 1px;
    padding-bottom: 2px;
    color: rgb(255, 255, 255);
    box-shadow: 0px 0px 4px rgba(255, 255, 255, 1.0);
}


.buttonStyle001:hover
{
```

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


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


.textboxStyle001
{
    background-color: rgb(40, 40, 40);
    width: 70px;
    height: 30px;
    border-radius: 4px;
    padding-left: 10px;
    padding-right: 10px;
```

```css
      font-size: 20px;
      font-weight: bold;
      color: rgb(120, 120, 120);
      line-height: 22px;
      text-align: center;
      resize: none;
}

input[type = "range"]
{
      -webkit-appearance: none;
      appearance: none;
      height: 10px;
      background: linear-gradient(to right,
rgb(10, 25, 47), rgb(0, 180, 255));
      border-radius: 5px;
      outline: none;
      opacity: 0.7;
```

```css
    -webkit-transition: .2s;
    transition: opacity .2s;
}

input[type = "range"]:hover
{
    opacity: 1;
}

/* chrome and chromium */
input[type = "range"]::-webkit-slider-thumb
{
    -webkit-appearance: none;
    appearance: none;
    width: 20px;
    height: 20px;
    background:rgb(0, 180, 255);
    border: solid 2px rgb(20, 20, 20);
```

```css
        border-radius: 50%;
        cursor: pointer;
}

/* mozilla */
input[type = "range"]::-moz-range-thumb
{
        height: 16px;
        background: rgb(255, 255, 255);
        border-width: 0px;
        border-radius: 50%;
        cursor: pointer;
}
```

```javascript
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// shortcuts.js

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

```javascript
        return result;
}


function ce(whichType)
{
    let result =
document.createElement(whichType);

    return result;
}


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

    return result;
}
```

```
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// worldVariables.js

let online = false;
```

```javascript
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//
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n

// jsLanguage.js

let jsLanguage = [
"array.at(index)",
"array1.concat(array2, array3);",
"array.copyWithin(target, start, end);",
"array.entries()",
```

"array.every(function(currentValue, index, arr), thisValue)",
"array.fill(value, start, end)",
"array.filter(function(currentValue, index, arr), thisValue)",
"array.find(function(currentValue, index, arr),thisValue)",
"array.findIndex(function(currentValue, index, arr), thisValue)",
"array.flat(depth)",
"array.flatMap(function(currentValue, index, arr), thisValue)",
"array.forEach(function(currentValue, index, arr), thisValue)",
"array.from(object, mapFunction, thisValue)",
"array.includes(element, start)",
"array.indexOf(item, start)",
"array.isArray(obj)",

"array.join(separator)",
"array.keys()",
"array.length and array.length = number",
"array.lastIndexOf(item, start)",
"array.map(function(currentValue, index, arr),
thisValue)",
"array.pop()",
"array.prototype.name = value",
"array.push(item1, item2, ..., itemX)",
"array.reduce(function(total, currentValue,
currentIndex, arr), initialValue)",
"array.reduceRight(function(total,
currentValue, currentIndex, arr), initialValue)",
"array.reverse()",
"array.shift()",
"array.slice(start, end)",
"array.some(function(currentValue, index,
arr), thisValue)",

```
"array.sort(compareFunction)",
"array.splice(index, howmany, item1, .....,
itemX)",
"array.toString()",
"array.unshift(item1, item2, ..., itemX)",
"array.valueOf()",

"Math.abs(x)",
"Math.acos(x)",
"Math.acosh(x)",
"Math.asin(x)",
"Math.asinh(x)",
"Math.atan(x)",
"Math.atan2(y, x)",
"Math.atanh(x)",
"Math.cbrt(x)",
"Math.ceil(x)",
"Math.clz32(x)",
```

"Math.cos(x)",
"Math.cosh(x)",
"Math.E",
"Math.exp(x)",
"Math.expm1(x)",
"Math.floor(x)",
"Math.fround(x)",
"Math.LN2",
"Math.LN10",
"Math.log(x)",
"Math.log10(x)",
"Math.log1p(x)",
"Math.LOG2E",
"Math.LOG10E",
"Math.max(n1, n2,…)",
"Math.min(n1, n2,…)",
"Math.PI",
"Math.pow(x, y)",

```
"Math.random()",
"Math.round(x)",
"Math.sign(x)",
"Math.sin(x)",
"Math.sinh(x)",
"Math.sqrt(x)",
"Math.SQRT1_2",
"Math.SQRT2",
"Math.tan(x)",
"Math.tanh(x)",
"Math.trunc(x)",

"boolean.constructor",
"boolean.prototype.name = value ",
"boolean.toString()",
"boolean.valueOf()",

"Date.constructor",
```

```
"Date.getDate()",
"Date.getDay()",
"Date.getFullYear()",
"Date.getHours()",
"Date.getMilliseconds()",
"Date.getMinutes()",
"Date.getMonth()",
"Date.getSeconds()",
"Date.getTime()",
"Date.getTimezoneOffset()",
"Date.getUTCDate()",
"Date.getUTCDay()",
"Date.getUTCFullYear()",
"Date.getUTCHours()",
"Date.getUTCMilliseconds()",
"Date.getUTCMinutes()",
"Date.getUTCMonth()",
"Date.getUTCSeconds()",
```

"Date.now()",
"Date.parse(datestring)",
"Date.prototype.name = value",
"Date.setDate(day)",
"Date.setFullYear(year, month, day)",
"Date.setHours(hour, min, sec, millisec)",
"Date.setMilliseconds(millisec)",
"Date.setMinutes(min, sec, millisec)",
"Date.setMonth(month, day)",
"Date.setSeconds(sec, millisec)",
"Date.setTime(millisec)",
"Date.setUTCDate(day)",
"Date.setUTCFullYear(year, month, day)",
"Date.setUTCHours(hour, min, sec, millisec)",
"Date.setUTCMilliseconds(millisec)",
"Date.setUTCMinutes(min, sec, millisec)",
"Date.setUTCMonth(month, day)",
"Date.setUTCSeconds(sec, millisec)",

"Date.toDateString()",
"Date.toISOString()",
"Date.toJSON()",
"Date.toLocaleDateString()",
"Date.toLocaleTimeString()",
"Date.toLocaleString(locales, options)",
"Date.toString()",
"Date.toTimeString()",
"Date.toUTCString()",
"Date.UTC(year, month, day, hours, minutes, seconds, millisec)",
"Date.valueOf()",

"string.charAt(index)",
"string.at(index)",
"string.charAt(index)",
"string.charCodeAt(index)",
"string.codePointAt(index)",

"string.concat(string1, string2, ..., stringX)",
"string.constructor",
"string.endsWith(searchvalue, length)",
"String.fromCharCode(n1, n2, ..., nX)",
"string.includes(searchvalue, start)",
"string.indexOf(searchvalue, start)",
"string.lastIndexOf(searchvalue, start)",
"string.length",
"string.localeCompare(compareString)",
"string.match(match)",
"string.padEnd(length, string)",
"string.padStart(length, string)",
"object.prototype.name = value",
"string.repeat(count)",
"string.replace(searchValue, newValue)",
"string.replaceAll(searchValue, newValue)",
"string.search(searchValue)",
"string.slice(start, end)",

"string.split(separator, limit)",
"string.startsWith(searchValue, start)",
"string.substr(start, length)",
"string.substring(start, end)",
"string.toLocaleLowerCase()",
"string.toLocaleUpperCase()",
"string.toLowerCase()",
"string.toString()",
"string.toUpperCase()",
"string.trim()",
"string.trimEnd()",
"string.valueOf()",

"decodeURI(uri)",
"decodeURIComponent(uri)",
"encodeURI(uri)",
"encodeURIComponent(uri)",
"eval(string)",

"Infinity",
"isFinite(value)",
"isNaN(value)",
"NaN",
"Number(value)",
"parseFloat(value)",
"parseInt(string, radix)",
"String(value)",
"number.constructor",
"Number.EPSILON",
"Number.isFinite(value)",
"Number.isSafeInteger(value)",
"Number.isInteger(value)",
"Number.isNaN(value)",
"Number.isSafeInteger(value)",
"let x = Number.MAX_SAFE_INTEGER; ",
"Number.MIN_SAFE_INTEGER",
"Number.MAX_VALUE",

"Number.MIN_VALUE",
"Number.NEGATIVE_INFINITY",
"Number.NaN",
"Number.POSITIVE_INFINITY",
"Number.parseFloat(value)",
"Number.parseInt(string, radix)",
"Number.prototype.name = value",
"number.toExponential(x)",
"number.toFixed(x)",
"number.toLocaleString(locales, options)",
"number.toPrecision(x)",
"number.toString(radix)",
"number.valueOf()",
"RegExpObject.constructor",
"RegExpObject.exec(string)",
"/regexp/g",
"RegExpObject.global",
"/regexp/i",

"RegExpObject.ignoreCase",
"RegExpObject.lastIndex",
"/regexp/m",
"RegExpObject.multiline",
"/n+/g",
"/n*/g",
"/n?/g",
"/n{X}/g",
"/n{X,Y}/g",
"/n{X,}/g",
"/n$/g",
"/^n/ /\\^n/g",
"/regexp(?=n)/g",
"/regexp(?!n)/g",
"RegExpObject.source",
"RegExpObject.test(string)",
"RegExpObject.toString()",
"/[abc]/g",

```
"/[^xyz]/g",
"/[0-9]/g",
"/[^0-9]/g",
"/(x|y)/g",
"/regexp./g",
"/\\w/g",
"/\\W/g",
"/\\d/g",
"/\\D/g",
"/\\s/g",
"/\\S/g",
"/\\bregexp/g",
"/\\bregexp/g",
"/\\0/",
"/\\n/",
"/\\f/",
"/\\r/",
"/\\t/",
```

```
"/\\v/",
"/\\xxx/g",
"/\\xdd/g",
"/\\udddd/g",

"constructor(parameters)",
"class subClass extends mainClass",
"static methodName()",
"super(arguments);",
"super.parentMethod(arguments);",

"errorObj.name",
"errorObj.message",

"JSON.parse(string, function)",
"JSON.stringify(obj, replacer, space)",

"console.assert(expression, message)",
```

```
"console.clear()",
"console.count(label)",
"console.error(message)",
"console.group(label)",
"console.groupCollapsed(label)",
"console.groupEnd()",
"console.info(message)",
"console.log(message)",
"console.table(tabledata, tablecolumns)",
"console.time(label)",
"console.timeEnd(label)",
"console.trace(label)",
"console.warn(message)",

"history.back()",
"history.forward()",
"history.go(number)",
"history.length",
```

```
"localStorage.key(index)",
"sessionStorage.key(index)",
"localStorage.length",
"sessionStorage.length",
"localStorage.getItem(keyname)",
"sessionStorage.getItem(keyname)",
"localStorage.setItem(keyname, value)",
"sessionStorage.setItem(keyname, value)",
"localStorage.removeItem(keyname)",
"sessionStorage.removeItem(keyname)",
"localStorage.clear()",
"sessionStorage.clear()",

"getCurrentPosition(success)",
"getCurrentPosition(success, error)",
"getCurrentPosition(success, error, options)"
];
```

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

// makeInterface.js

let speed = 500;
let jsTextSize = 20;

function makeInterface()
{
```

```
// mainDiv
let mainDiv = ce("div");
mainDiv.className = "mainDiv";
mainDiv.id = "mainDiv";
ba(mainDiv);

//-//

// jsTextbox
let jsTextbox = ce("div");
jsTextbox.className = "jsTextbox";
jsTextbox.id = "jsTextbox";
jsTextbox.title = "jsTextbox";
jsTextbox.innerHTML = "JavaScript
Teacher";
ba(jsTextbox);

//-//
```

```javascript
// controlsDiv
let controlsDiv = ce("div");
controlsDiv.className = 'controlsDiv';
controlsDiv.id = 'controlsDiv';
ba(controlsDiv);

//-//

// speedTitle
let speedTitle = ce("div");
speedTitle.className = "titleStyle001";
speedTitle.id = "speedTitle";
speedTitle.title = "speedTitle";
speedTitle.textContent = "Speed";
controlsDiv.append(speedTitle);

//-//
```

```javascript
// speedTextbox
let speedTextbox = ce("textarea");
speedTextbox.className =
"textboxStyle001";
speedTextbox.id = "speedTextbox";
speedTextbox.title = "speedTextbox";
speedTextbox.innerHTML = speed;
speedTextbox.onmouseover = function()
{
    audioPlay('sfx_warp_001', 1.0);
};
speedTextbox.onclick = function()
{
    audioPlay('sfx_blip_001', 1.0);
};
speedTextbox.onkeyup = function()
{
```

```
    audioPlay('sfx_blip_001', 1.0);

    speed = ge("speedTextbox").value =
speedTextbox.value;

    ge("speedSlider").value =
speedTextbox.value;

    changeText(jsLanguage);
  };
  controlsDiv.append(speedTextbox);

  //-//

  // speedSlider
  let speedSlider = ce("input");
  speedSlider.className = "sliderStyle001";
  speedSlider.id = "speedSlider";
```

```javascript
speedSlider.type = "range";
speedSlider.min = 1;
speedSlider.max = 1000;
speedSlider.value = speed;
speedSlider.oninput = function()
{
    audioPlay('sfx_blip_001', 1.0);

    ge("speedTextbox").value =
speedSlider.value;

    speed = ge("speedTextbox").value =
speedSlider.value;

    changeText(jsLanguage);
};

speedSlider.onchange = function()
```

```
  {
      audioPlay('sfx_warp_001', 1.0);
  };
  controlsDiv.append(speedSlider);


  //-//


  // line break
  let LBUnderSpeedSlider = ce("br");
  LBUnderSpeedSlider.style.marginBottom =
"10px";
  controlsDiv.append(LBUnderSpeedSlider);


  //-//


  // fontSizeTitle
  let fontSizeTitle = ce("div");
  fontSizeTitle.className = "titleStyle001";
```

```
fontSizeTitle.id = "fontSizeTitle";
fontSizeTitle.title = "fontSizeTitle";
fontSizeTitle.textContent = "Font Size";
controlsDiv.append(fontSizeTitle);

//-//

// fontSizeTextbox
let fontSizeTextbox = ce("textarea");
fontSizeTextbox.className =
"textboxStyle001";
fontSizeTextbox.id = "fontSizeTextbox";
fontSizeTextbox.title = "fontSizeTextbox";
fontSizeTextbox.innerHTML = jsTextSize;
fontSizeTextbox.onmouseover = function()
{
    audioPlay('sfx_warp_001', 1.0);
};
```

```javascript
fontSizeTextbox.onclick = function()
{
    audioPlay('sfx_blip_001', 1.0);
};
fontSizeTextbox.onkeyup = function()
{
    ge('sfx_blip_001').play();

    jsTextSize = ge("fontSizeTextbox").value
= fontSizeTextbox.value;

    ge("fontSizeSlider").value =
fontSizeTextbox.value;

    ge("jsTextbox").style.fontSize =
fontSizeTextbox.value + "px";
};
controlsDiv.append(fontSizeTextbox);
```

```
//-//

// fontSizeSlider
let fontSizeSlider = ce("input");
fontSizeSlider.className =
"sliderStyle001";
fontSizeSlider.id = "fontSizeSlider";
fontSizeSlider.type = "range";
fontSizeSlider.min = 20;
fontSizeSlider.max = 40;
fontSizeSlider.value = jsTextSize;
fontSizeSlider.oninput = function()
{
    ge('sfx_blip_001').play();

    ge("fontSizeTextbox").value =
fontSizeSlider.value;
```

```
    jsTextSize = ge("fontSizeTextbox").value
= fontSizeSlider.value;


    ge("jsTextbox").style.fontSize =
fontSizeSlider.value + "px";
  };
  fontSizeSlider.onchange = function()
  {
    ge('sfx_warp_001').play();
  };
  controlsDiv.append(fontSizeSlider);


  //-//


  // line break
  let LBUnderFontSizeSlider = ce("br");
```

```
LBUnderFontSizeSlider.style.marginBottom =
"10px";

controlsDiv.append(LBUnderFontSizeSlider);

    //-//

    // fontColorTitle
    let fontColorTitle = ce("div");
    fontColorTitle.className = "titleStyle001";
    fontColorTitle.id = "fontColorTitle";
    fontColorTitle.title = "fontColorTitle";
    fontColorTitle.textContent = "Font Color";
    controlsDiv.append(fontColorTitle);

    //-//
```

```javascript
// colorChooser
let colorChooser = ce("input");
colorChooser.type = "color";
colorChooser.className =
"colorChooser";
colorChooser.id = "colorChooser";
colorChooser.onmouseover = function()
{
    audioPlay('sfx_warp_001', 1.0);
};
colorChooser.onclick = function()
{
    audioPlay('sfx_blip_001', 1.0);
};
colorChooser.oninput = function()
{
    audioPlay('sfx_blip_001', 1.0);
```

```javascript
        ge("jsTextbox").style.color =
colorChooser.value;


        console.log(colorChooser.value);
    };
    colorChooser.onchange = function()
    {
        audioPlay('sfx_blip_001', 1.0);
    };
    controlsDiv.append(colorChooser);

    //-//


    // line break
    let LBUnderColorChooser = ce("hr");
    LBUnderColorChooser.style.marginBottom
= "10px";
```

```
controlsDiv.append(LBUnderColorChooser);

    //-//

    // activateButton
    let activateButton = ce("button");
    activateButton.className =
"buttonStyle001";
    activateButton.id = "activateButton";
    activateButton.title = "activateButton";
    activateButton.innerHTML = "Activate";
    activateButton.onclick = function()
    {
        audioPlay('sfx_blip_001', 1.0);
        changeText(jsLanguage);
    };
    activateButton.onmouseover = function()
```

```
    {
        audioPlay('sfx_warp_001', 1.0);
    };
    controlsDiv.append(activateButton);

    //-//

    // pauseButton
    let pauseButton = ce("button");
    pauseButton.className =
"buttonStyle001";
    pauseButton.id = "pauseButton";
    pauseButton.title = "pauseButton";
    pauseButton.innerHTML = "Pause";
    pauseButton.onclick = function()
    {
        audioPlay('sfx_blip_001', 1.0);
        clearInterval(timer001);
```

```
};
pauseButton.onmouseover = function()
{
    audioPlay('sfx_warp_001', 1.0);
};
controlsDiv.append(pauseButton);
}
```

```
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// makeTitleOfApp.js

function makeTitleOfApp()
{
    // titleContainer
    let titleContainer = ce('div');
    titleContainer.style.position = 'absolute';
```

```javascript
    titleContainer.style.right = '10px';
    titleContainer.style.bottom = '5px';
    titleContainer.style.zIndex = 1;
    ba(titleContainer);

    //-//

    // titleText
    let titleText = ce('div');
    titleText.className = 'titleStyle001';
    titleText.innerHTML =
    `<a href =
'https://github.com/christophertopalian/'
target = '_blank'> Topalian JavaScript
Teacher </a>`;
    titleContainer.append(titleText);
}
```

```
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n

// audioPlay.js

function audioPlay(whichId, whichVolume)
{
    let audio = ge(whichId);

    if (audio)
```

```
    {

        audio.volume = whichVolume;
        audio.play();
    }
}
```

```
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// dataSounds.js

let sounds =
[
    {
        name: 'sfx_blip_001',
```

```
      soundFileOffline:
'media/sounds/sfx_blip_001.mp4',
      soundFileOnline:
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/sfx_blip_001.mp4'
   },

   {

      name: 'sfx_warp_001',
      soundFileOffline:
'media/sounds/sfx_warp_001.mp3',
      soundFileOnline:
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/sfx_warp_001.mp4'
   }
];
```

```
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// loadSounds.js

function loadSounds(whichArray)
{
    for (let x = 0; x < whichArray.length; x++)
    {
        let theSound = ce('audio');
```

```
if (online == false)
{
    theSound.src =
whichArray[x].soundFileOffline;
}
else
{
    theSound.src =
whichArray[x].soundFileOnline;
}

theSound.id = whichArray[x].name;
theSound.loop = false;
theSound.volume = 1.0;
ba(theSound);
  }
}
```

```
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// changeText.js

let timer001;

let counter = 0;

function changeText(whichArray)
```

```javascript
{
    clearInterval(timer001);

    timer001 = setInterval(function()
    {
        if (counter < whichArray.length)
        {
            ge("jsTextbox").innerHTML =
whichArray[counter];

            counter += 1;
        }
        else
        {
            counter = 0;
        }
    }, speed);
}
```

```
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n

// whenLoaded.js

function whenLoaded()
{
    loadSounds(sounds);

    makeInterface();
```

```
      makeTitleOfApp();
}
```

Alternative way to combine .js files into one main.js file using Command Prompt

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// HowToCombineJSFiles.js

TUTORIAL:
How to Combine all .js files in all folders that are in our js folder.

Getting things ready:

We should add two new lines at the end every script. This way they will combine nicely with a line break in between each script.

Step One: Open our js folder

Step Two: Type in the address bar of the js folder, **cmd**, press Enter

This opens our js folder in the command prompt

Step Three: Type the command shown below in the command prompt and then press Enter

for /r "%CD%" %i in (*.js) do type "%i" >> main.js

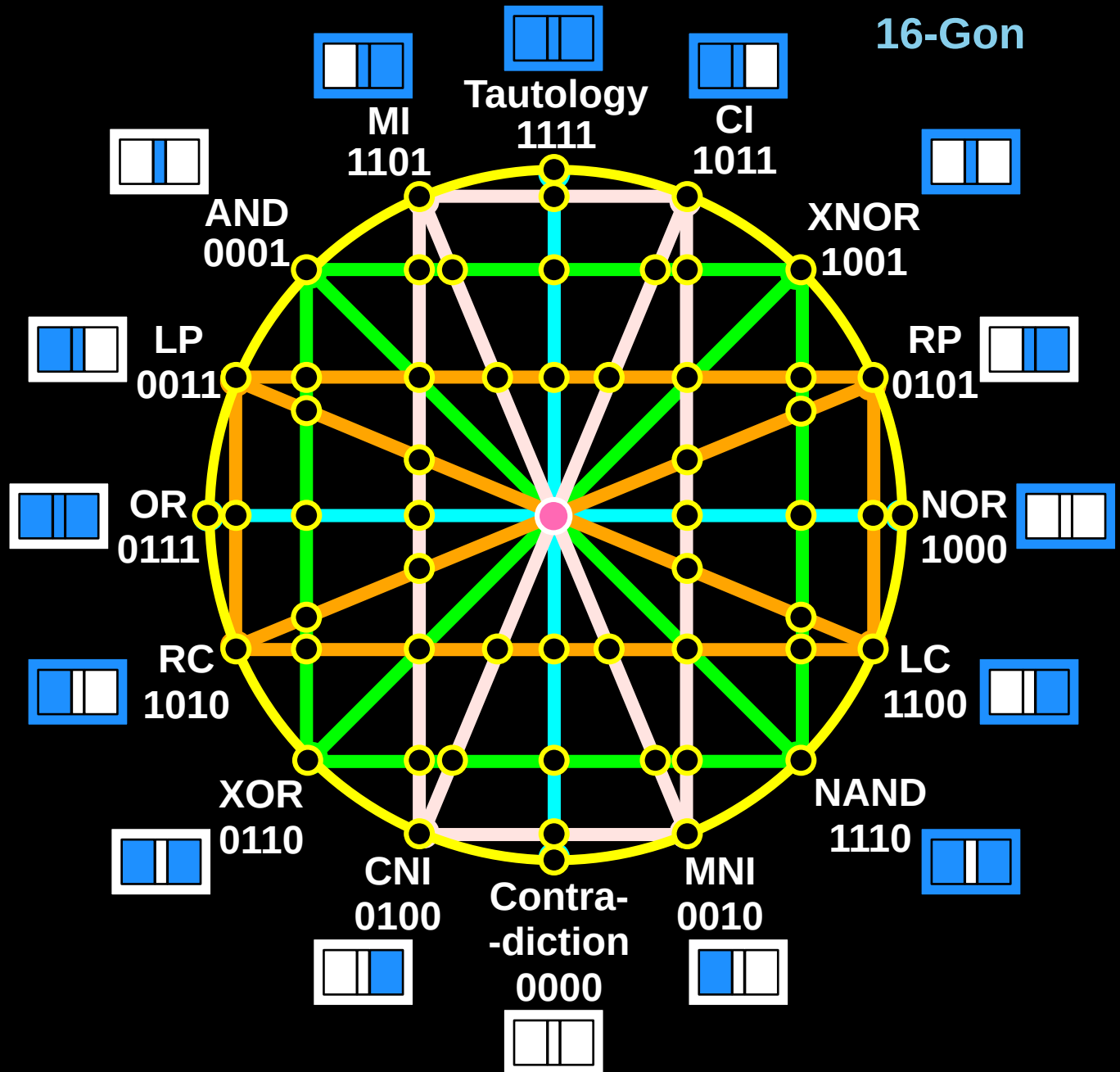Now we have a newly created .js file named main.js that has all of our js files included into one file.

This makes it easy to upload our application and easy to find out how many lines of code our project is.

To use our main.js file, we include it in our html file code:
<script src = 'js/main.js'></script>

Happy Scripting :-)

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

For More Tutorials:

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GitHub.com/ChristopherTopalian

GitHub.com/ChristopherAndrewTopalian

Sites.google.com/view/CollegeOfScripting

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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.

CollegeOfScripting.weebly.com