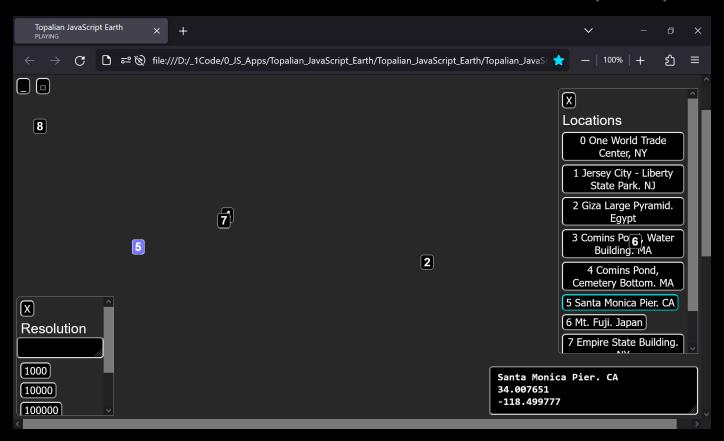
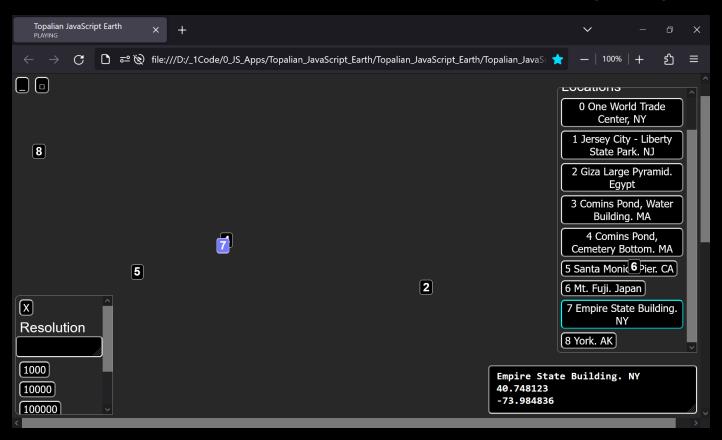
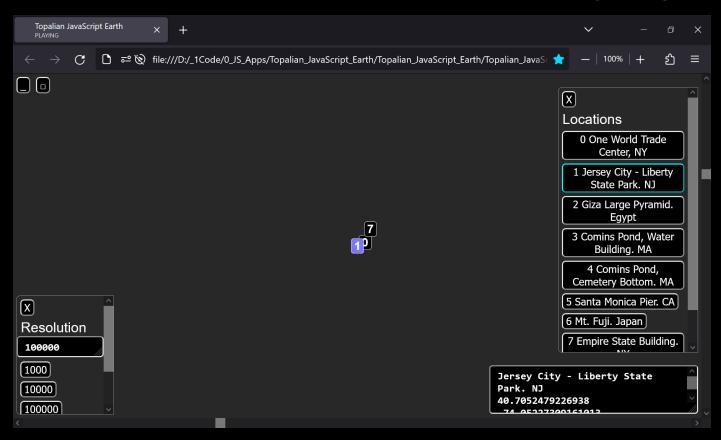
Topalian JavaScript Earth by Christopher Andrew Topalian

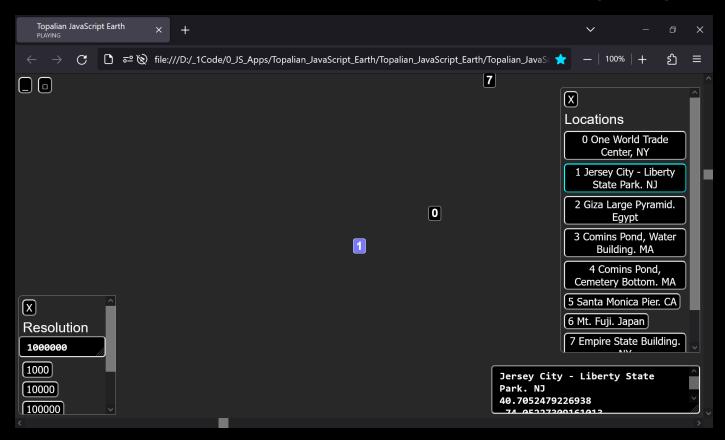
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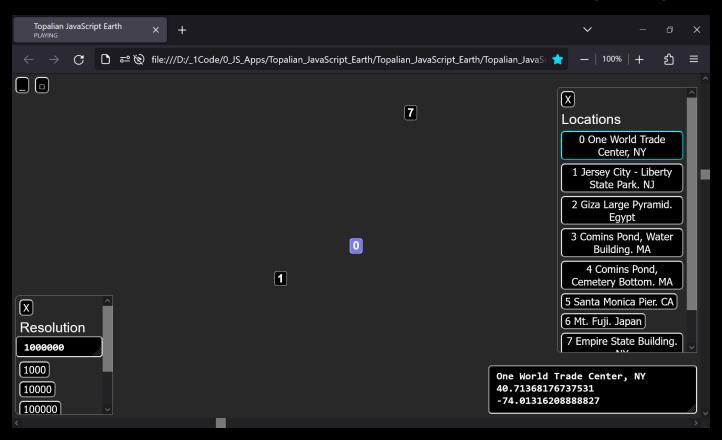
Dedicated to God the Father

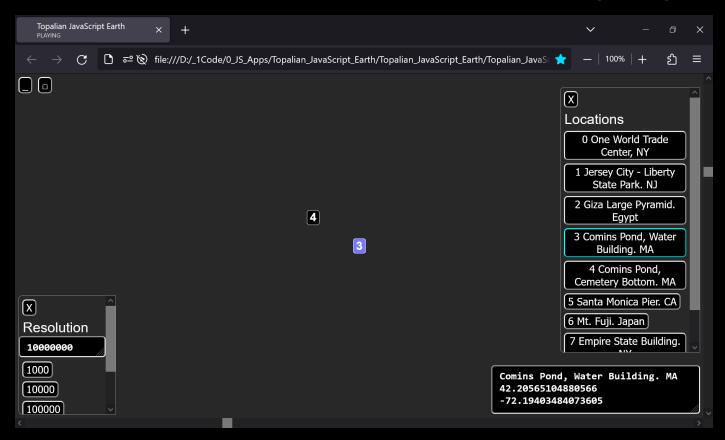


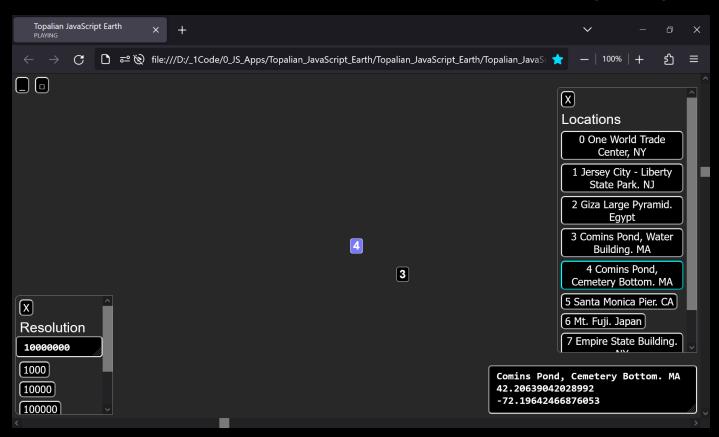


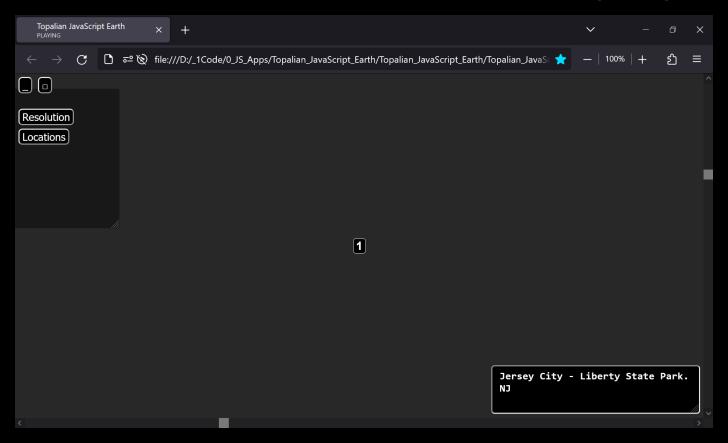


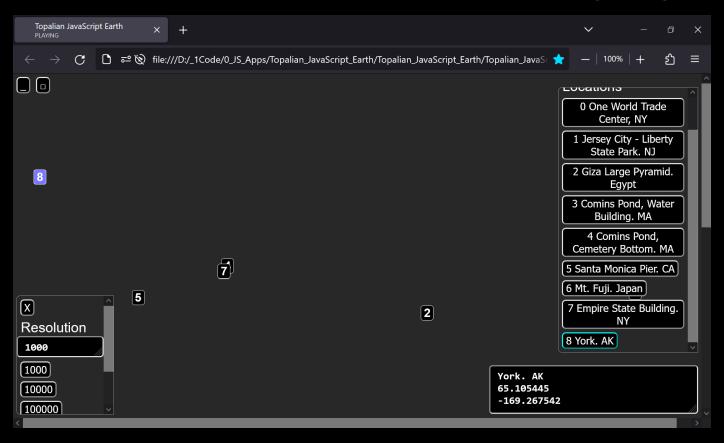


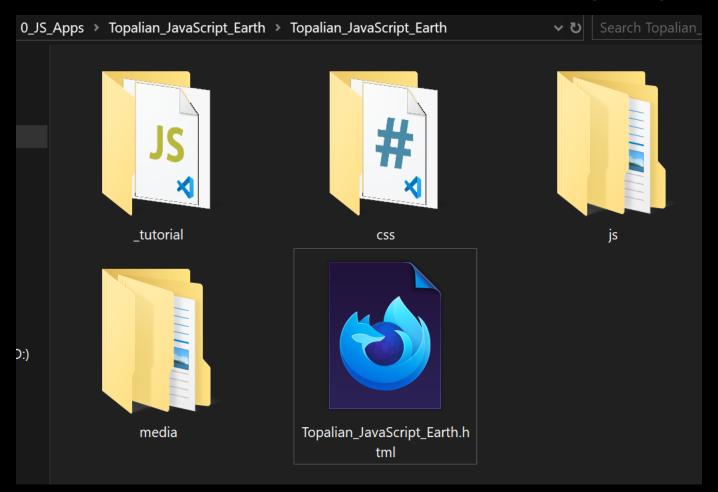


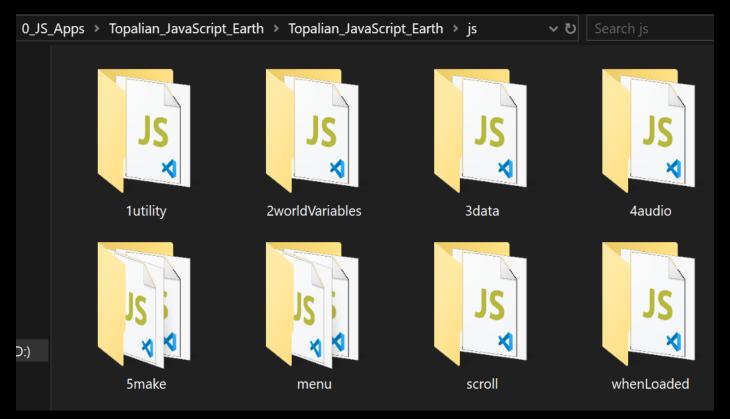












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//

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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:-)

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

- <!-- All Rights Reserved Christopher Andrew Topalian Copyright 2000-2024 -->
- <!-- https://github.com/ChristopherTopalian -->
- <!--

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

- <!-- Topalian_JavaScript_Earth.html -->
- <!-- Version 001 (2024-02-04) -->
- <html>
- <head>

```
<title> Topalian JavaScript Earth </title>
<link rel = 'stylesheet' href =</pre>
'css/style001.css'>
<script src = 'js/1utility/utility.js'></script>
<script src =
'js/2worldVariables/worldVariables.js'></scrip
t>
<script src = 'js/3data/locations.js'></script>
<script src =
'js/4audio/loadSounds.js'></script>
<script src =
'js/5make/1makeWorld.js'></script>
```

```
<script src =
'js/5make/makeLocationMarker.js'></script>
<script src =
'js/5make/makeLocationTextbox.js'></script>
<script src =
'js/menu/menuOfFunctions.js'></script>
<script src =
'js/menu/menuResolution.js'></script>
<script src =
'js/menu/menuLocations.js'></script>
<script src =
'js/scroll/scrollToLocation.js'></script>
```

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

</head>

<body onload = 'whenLoaded();'>

</body>

</html>

```
/* Dedicated to God the Father */
/* All Rights Reserved Christopher Andrew
Topalian Copyright 2000-2024 */
/* https://github.com/ChristopherTopalian */
/*
https://github.com/ChristopherAndrewTopalia
n */
/* style001.css */
body
  background-color: rgb(40, 40, 40);
```

```
.buttonStyle001
  margin: 5px;
  border-radius: 5px;
  background-color: rgb(0, 0, 0);
  font-size: 15px;
  color: rgb(255, 255, 255);
.buttonStyle001:hover
  border-color: aqua;
  cursor: pointer;
.buttonStyle001:active
  border-color: magenta;
```

```
color: magenta;
.locationMarker
  position: absolute;
  width: 17px;
  border-style: solid;
  border-width: 1px;
  border-radius: 3px;
  background-color: rgb(0, 0, 0);
  font-size: 17px;
  font-weight: bold;
  color: rgb(255, 255, 255);
  text-align: center;
```

.locationMarker:hover

```
cursor: pointer;
.locationTextbox
  position: fixed;
  width: 300px;
  height: 70px;
  padding-top: 5px;
  padding-bottom: 5px;
  padding-left: 10px;
  padding-right: 10px;
  border-radius: 4px;
  background-color: rgb(0, 0, 0);
  font-size: 15px;
  font-weight: bold;
  color: rgb(255, 255, 255);
```

```
.resolutionInput
  width: 125px;
  padding-top: 5px;
  padding-bottom: 5px;
  padding-left: 10px;
  padding-right: 10px;
  border-radius: 4px;
  background-color: rgb(0, 0, 0);
  font-size: 15px;
  font-weight: bold;
  color: rgb(255, 255, 255);
```

```
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n
// utility.js
function ge(whichId)
  let result =
document.getElementByld(whichld);
```

```
return result;
function ce(whichType)
  let result =
document.createElement(whichType);
  return result;
function ba(whichElement)
  let result =
document.body.append(whichElement);
  return result;
```

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

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//
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// worldVariables.js

let resolution = 1000;

```
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II
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n
// locations.js
let locations =
    name: 'One World Trade Center, NY',
    latitude: 40.71368176737531,
```

```
longitude: -74.01316208888827
  },
    name: 'Jersey City - Liberty State Park.
NJ`,
    latitude: 40.7052479226938,
    longitude: -74.05227309161013
  },
    name: 'Giza Large Pyramid. Egypt',
    latitude: 29.97917381208788,
    longitude: 31.13421987112202
```

```
name: `Comins Pond, Water Building.
MA`,
    latitude: 42.20565104880566,
    longitude: -72.19403484073605
  },
    name: 'Comins Pond, Cemetery Bottom.
MA',
    latitude: 42.20639042028992,
    longitude: -72.19642466876053
    name: `Santa Monica Pier. CA`,
    latitude: 34.007651,
    longitude: -118.499777
```

```
name: `Mt. Fuji. Japan`,
latitude: 35.360965,
longitude: 138.728028
name: `Empire State Building. NY`,
latitude: 40.748123,
longitude: -73.984836
name: 'York. AK',
latitude: 65.105445,
longitude: -169.267542
```

];

```
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n
// loadSounds.js
let sounds =
    name: `sfx_blip_001`,
    fileName: 'media/sfx/sfx_blip_001.mp3'
```

```
name: 'sfx warp 001',
    fileName: 'media/sfx/sfx warp 001.mp3'
function loadSounds(whichArray)
  for (let x = 0; x < whichArray.length; <math>x++)
    // theSound
    let theSound = ce('audio');
    theSound.id = whichArray[x].name;
    theSound.src = whichArray[x].fileName;
    theSound.volume = 1.0;
    theSound.style.display = 'none';
```

```
ba(theSound);
}
```

```
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n
// makeCanvas.js
function makeWorld()
  let world = ce('canvas');
  world.id = 'world';
  ba(world);
```

```
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n
// makeLocationMarker.js
function makeLocationMarker()
  let w = ge("world").style.width = resolution;
  let h = ge("world").style.height =
resolution;
```

```
for (let x = 0; x < locations.length; x++)
     let locationMarker = ce("div");
     locationMarker.innerHTML = x;
     locationMarker.id = x;
     locationMarker.className =
"locationMarker";
     locationMarker.title = locations[x].name;
     ba(locationMarker);
     //-//
     let theX = ((w / 360) * (180 +
locations[x].longitude));
     let theY = ((h / 180) * (90 - 180)) * (90 - 180)
locations[x].latitude));
```

```
//-//
     locationMarker.onclick = function()
       ge("sfx_blip_001").play();
       ge("latitudeLongitude").value =
locations[x].name;
       ge(x).style.backgroundColor = "rgb(0,
255, 255)";
       setTimeout(function()
         ge(x).style.backgroundColor =
"rgb(0, 0, 0)";
       }, 1000);
```

```
ge(x).style.left = theX + "px";
ge(x).style.top = theY + "px";
}
```

```
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n
// makeLocationTextbox.js
function makeLocationTextbox()
  let locationTextbox = ce('textarea');
  locationTextbox.id = 'latitudeLongitude';
```

```
locationTextbox.className =
'locationTextbox';
  locationTextbox.style.right = '5px';
  locationTextbox.style.bottom = '5px';
  ba(locationTextbox);
}
```

```
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https://github.com/ChristopherAndrewTopalia
n
// menuLocations.js
function menuLocations(whichArray)
  let highlightColor = 'rgb(120, 120, 255)';
  let normalColor = 'rgb(0, 0, 0)';
```

```
if (ge('menuLocationsDiv'))
    ge('menuLocationsDiv').remove();
  let menuLocationsDiv = ce('div');
  menuLocationsDiv.id =
'menuLocationsDiv';
  menuLocationsDiv.style.position = 'fixed';
  menuLocationsDiv.style.right = 5 + 'px';
  menuLocationsDiv.style.top = 20 + 'px';
  menuLocationsDiv.style.width = 200 + 'px';
  menuLocationsDiv.style.height = 380 + 'px';
  menuLocationsDiv.style.overflowY =
'scroll';
  menuLocationsDiv.style.borderStyle =
'solid';
```

```
menuLocationsDiv.style.borderWidth = 1 +
'px';
  menuLocationsDiv.style.borderColor =
'rgba(255, 255, 255, 0.5)';
  menuLocationsDiv.style.borderRadius = 5
+ 'px':
  ba(menuLocationsDiv);
  ||-||
  let closeButton = ce('button');
  closeButton.innerHTML = 'X';
  closeButton.onclick = function()
    ge('sfx_blip_001').play();
    ge('menuLocationsDiv').remove();
  };
  closeButton.className = 'buttonStyle001';
```

```
closeButton.style.position = 'relative';
closeButton.style.left = 0 + 'px';
closeButton.style.zIndex = 20;
menuLocationsDiv.append(closeButton);
//-//
let theTitle = ce('div');
theTitle.innerHTML = '&nbsp' + 'Locations';
theTitle.style.color = 'rgb(255, 255, 255)';
menuLocationsDiv.append(theTitle);
||-||
for (let x = 0; x < whichArray.length; <math>x++)
  let theButton = ce('button');
  theButton.style.display = 'flex';
```

```
theButton.style.flexDirection = 'row';
    theButton.className = 'buttonStyle001';
    theButton.innerHTML = x + ' ' +
whichArray[x].name;
    theButton.onclick = function()
       ge('sfx_blip_001').play();
       scrollToLocation(x);
       ge(x).style.backgroundColor =
highlightColor;
       ge('latitudeLongitude').value =
whichArray[x].name + '\n' +
whichArray[x].latitude + '\n' +
whichArray[x].longitude;
```

```
setTimeout(function()
         ge(x).style.backgroundColor =
normalColor;
      }, 1000);
    theButton.onmouseover = function()
      ge('sfx_warp_001').play();
    menuLocationsDiv.append(theButton);
```

```
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n
// menuOfFunctions.js
let theFunctions =
    name: 'menuResolution(locations)',
    fullName: 'menuResolution',
```

```
description: 'Resolution'
  },
    name: 'menuLocations(locations)',
    fullName: 'menuLocations',
    description: 'Locations'
];
function menuOfFunctions()
  if (ge('menuOfFunctionsDiv'))
    ge('menuOfFunctionsDiv').remove();
  //-//
```

```
// menuOfFunctionsDiv
  let menuOfFunctionsDiv = ce('div');
  menuOfFunctionsDiv.style.position =
'fixed':
  menuOfFunctionsDiv.style.left = 0 + 'px';
  menuOfFunctionsDiv.style.top = 22 + 'px';
  menuOfFunctionsDiv.style.zIndex = 1000;
menuOfFunctionsDiv.style.backgroundColor
= 'rgba(0, 0, 0, 0.4)';
  menuOfFunctionsDiv.id =
'menuOfFunctionsDiv';
  ba(menuOfFunctionsDiv);
  //-//
  let minimizeButton = ce('button');
```

```
minimizeButton.innerHTML = ' ';
  minimizeButton.className =
'buttonStyle001';
  minimizeButton.style.position = 'absolute';
  minimizeButton.style.left = 0 + 'px';
  minimizeButton.style.top = -22 + 'px';
  minimizeButton.onclick = function()
    ge('sfx_blip_001').play();
    // minimize height of the window to show
only and \square
    ge('buttonDiv').style.height = 0 + 'px';
  };
menuOfFunctionsDiv.append(minimizeButton
```

//-//

```
let maximizeButton = ce('button');
  maximizeButton.innerHTML = '-';
  maximizeButton.className =
'buttonStyle001';
  maximizeButton.style.position = 'absolute';
  maximizeButton.style.left = 28 + 'px';
  maximizeButton.style.top = -22 + 'px';
  maximizeButton.onclick = function()
    ge('sfx_blip_001').play();
    ge('buttonDiv').style.height = 200 + 'px';
  };
menuOfFunctionsDiv.append(maximizeButto
n);
```

//-//

```
let buttonDiv = ce('div');
buttonDiv.innerHTML = '<br>';
buttonDiv.id = 'buttonDiv';
buttonDiv.className = 'scrolling';
buttonDiv.style.float = 'left';
buttonDiv.style.overflowY = 'auto';
buttonDiv.style.resize = 'both';
buttonDiv.style.height = 200 + 'px';
buttonDiv.style.minWidth = '150px';
buttonDiv.style.marginLeft = 'auto';
buttonDiv.style.marginRight = 'auto';
menuOfFunctionsDiv.append(buttonDiv);
//-//
for (let x = 0; x < theFunctions.length; <math>x++)
```

```
let theButton = ce('button');
    theButton.innerHTML =
theFunctions[x].description;
    theButton.style.display = 'flex';
    theButton.style.flexDirection = 'row';
    theButton.className = 'buttonStyle001';
    theButton.title =
theFunctions[x].fullName;
    theButton.onclick = function()
       ge('sfx_blip_001').play();
       eval("+theFunctions[x].name+" + ';');
     console.log("+theFunctions[x].name+");
    theButton.onmouseover = function()
```

```
{
    ge('sfx_warp_001').play();
};
buttonDiv.append(theButton);

//-//
ge('buttonDiv').style.height = 0 + 'px';
}
```

```
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n
// menuResolution.js
function menuResolution(whichArray)
  let resolutions =
    1000.
```

```
10000,
    100000,
    1000000.
    10000000
  ];
  if (ge('menuResolutionDiv'))
    ge('menuResolutionDiv').remove();
  //-//
  let menuResolutionDiv = ce('div');
  menuResolutionDiv.id =
'menuResolutionDiv';
  menuResolutionDiv.style.position = 'fixed';
  menuResolutionDiv.style.left = 5 + 'px';
```

```
menuResolutionDiv.style.bottom = 5 + 'px';
  menuResolutionDiv.style.height = 170 +
'px';
  menuResolutionDiv.style.borderStyle =
'solid':
  menuResolutionDiv.style.borderWidth = 1
+ 'px';
  menuResolutionDiv.style.borderColor =
'rgba(255, 255, 255, 0.5)';
  menuResolutionDiv.style.borderRadius = 5
+ 'px';
  menuResolutionDiv.style.overflowY =
'scroll';
  ba(menuResolutionDiv);
  //-//
  let closeButton = ce('button');
```

```
closeButton.innerHTML = 'X';
  closeButton.className = 'buttonStyle001';
  closeButton.onclick = function()
    ge('sfx_blip_001').play();
    ge('menuResolutionDiv').remove();
  };
  closeButton.style.position = 'relative';
  closeButton.style.left = 0 + 'px';
  closeButton.style.zIndex = 20;
  menuResolutionDiv.append(closeButton);
  ||-||
  let theResolutionTitle = ce('div');
  theResolutionTitle.innerHTML = '&nbsp' +
'Resolution';
```

```
theResolutionTitle.style.color = 'rgb(255,
255, 255)';
menuResolutionDiv.append(theResolutionTitl
e);
  //-//
  let theResolutionInput = ce('textarea');
  theResolutionInput.id =
'theResolutionInput';
  theResolutionInput.className =
'resolutionInput';
  theResolutionInput.style.height = 30 + 'px';
  theResolutionInput.title = 'Enter a
Resolution such as:\n1000\n2500\n7000\
n10000\n1000000';
  theResolutionInput.onkeyup = function()
```

```
resolution = theResolutionInput.value;
    makeLocationMarker();
menuResolutionDiv.append(theResolutionInp
ut);
  //-//
  for (let x = 0; x < resolutions.length; <math>x++)
    let resolutionButton = ce('button');
    resolutionButton.className =
'buttonStyle001';
    resolutionButton.innerHTML =
resolutions[x];
    resolutionButton.onclick = function()
```

```
ge('sfx_blip_001').play();
       resolution = resolutions[x];
       makeLocationMarker();
       ge('theResolutionInput').value =
resolutions[x];
    resolutionButton.onmouseover =
function()
       ge('sfx_warp_001').play();
    resolutionButton.style.display = 'flex';
    resolutionButton.style.display = 'row';
```

menuResolutionDiv.append(resolutionButton); } }

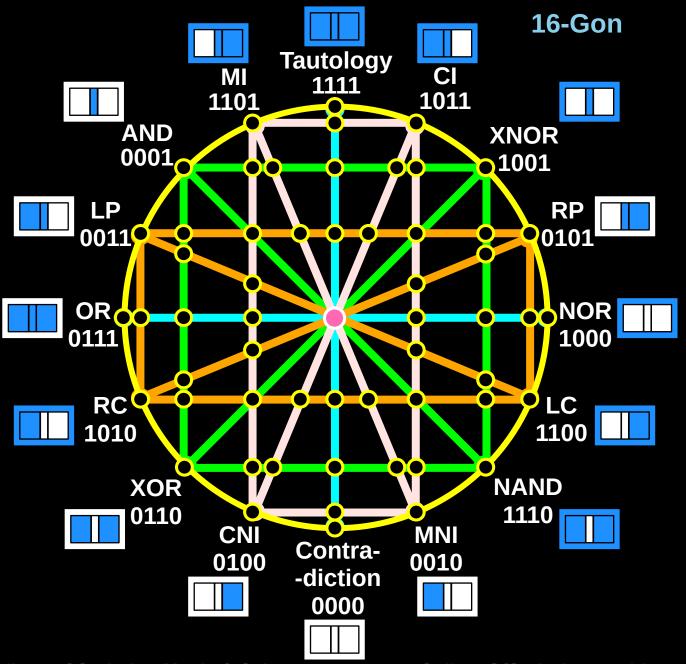
```
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https://github.com/ChristopherAndrewTopalia
n
// scrollToLocation.js
function scrollToLocation(whichId)
  ge(whichld).scrollIntoView(
    block: 'center', inline: 'center'
```

});

```
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// https://github.com/ChristopherTopalian
II
https://github.com/ChristopherAndrewTopalia
n
// whenLoaded.js
function whenLoaded()
  makeWorld();
  makeLocationTextbox();
```

```
menuOfFunctions();
menuResolution(locations);
menuLocations(locations);
makeLocationMarker();
loadSounds(sounds);
setTimeout(function()
  scrollToLocation('5');
}, 1000);
```

True Artificial Intelligence System



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GitHub.com/ChristopherTopalian

GitHub.com/ChristopherAndrewTopalian

Sites.google.com/view/CollegeOfScripting

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.

CollegeOfScripting.weebly.com