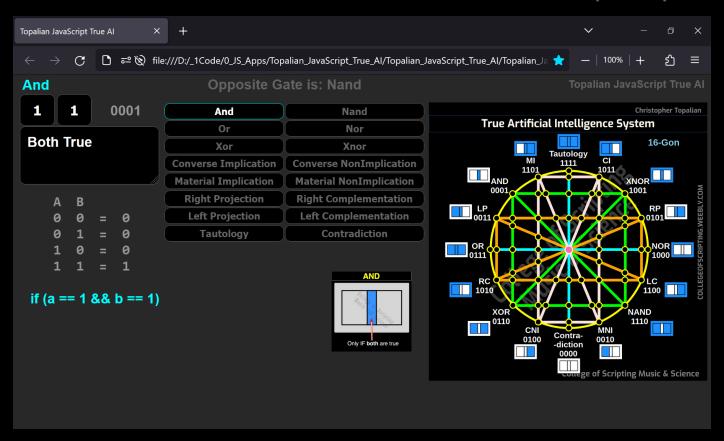
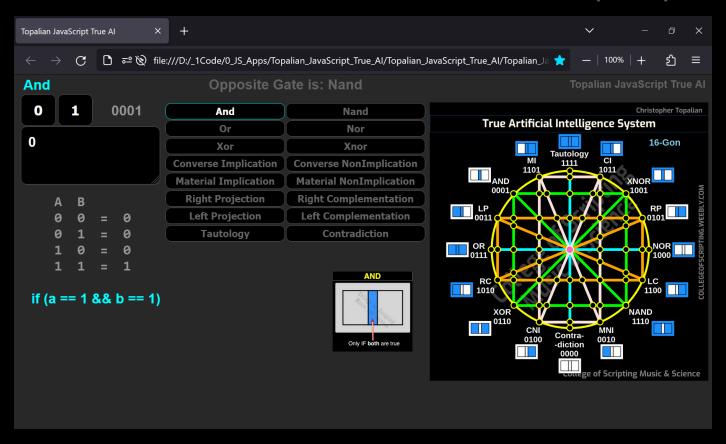
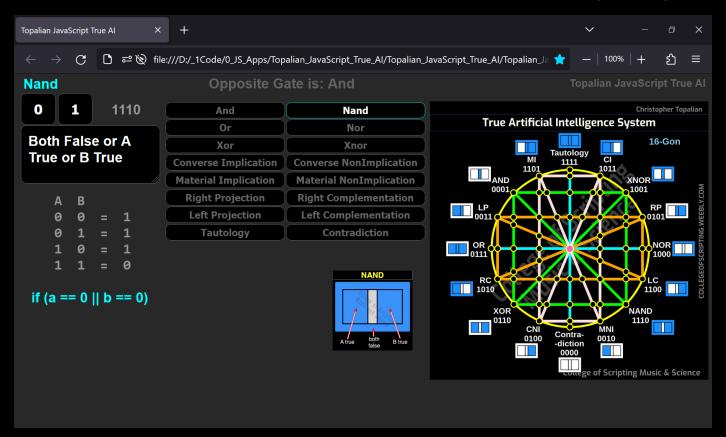
Topalian JavaScript True Al by Christopher Andrew Topalian

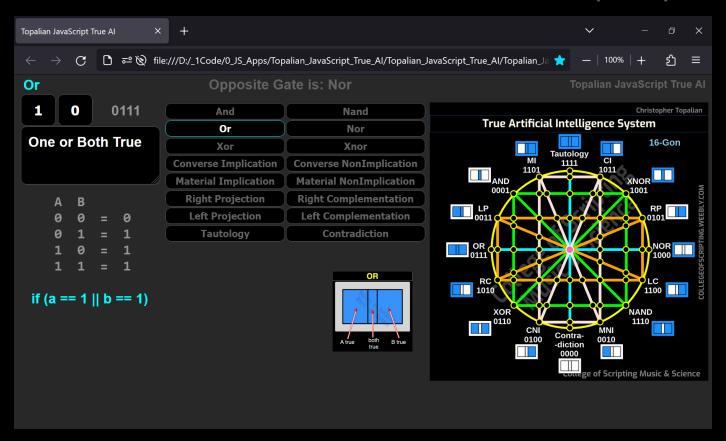
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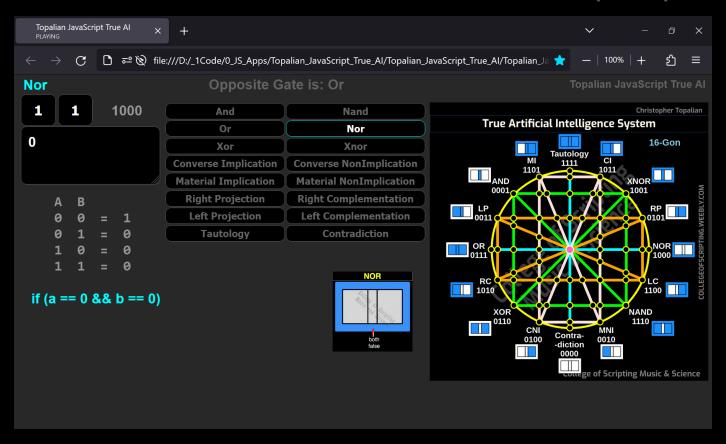
Dedicated to God the Father

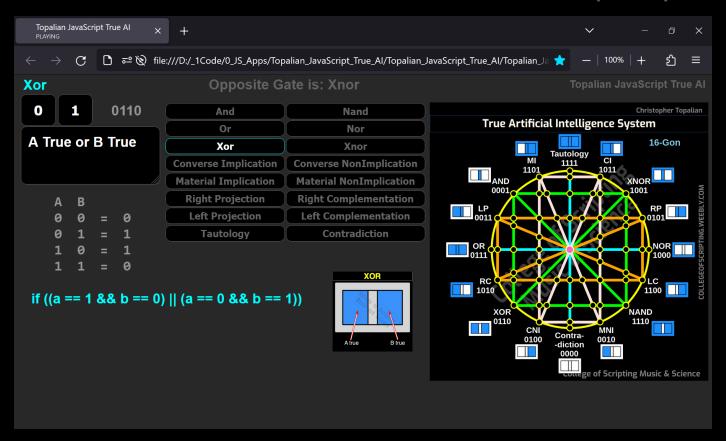


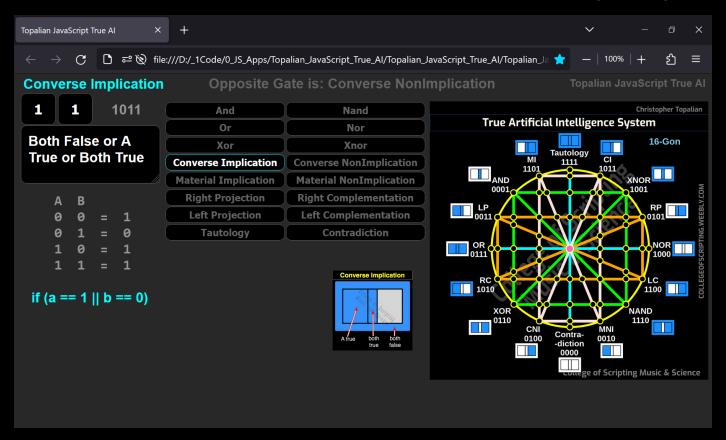


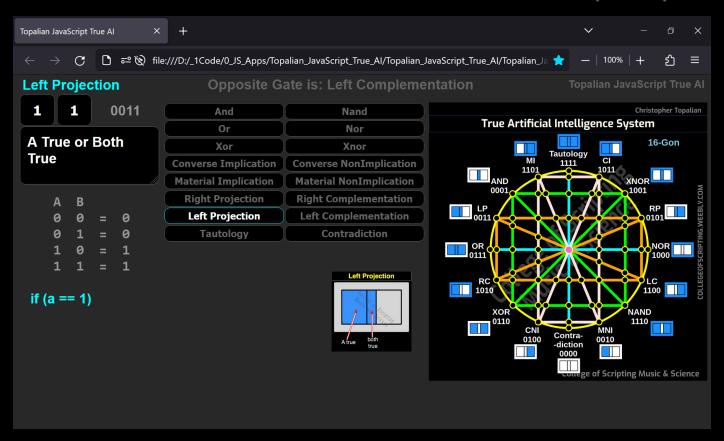


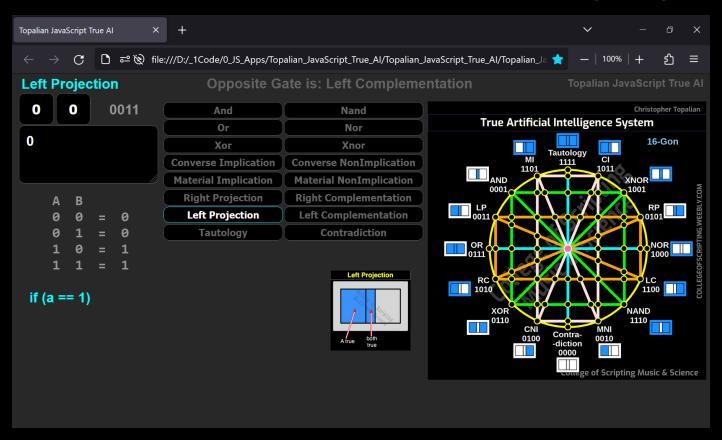


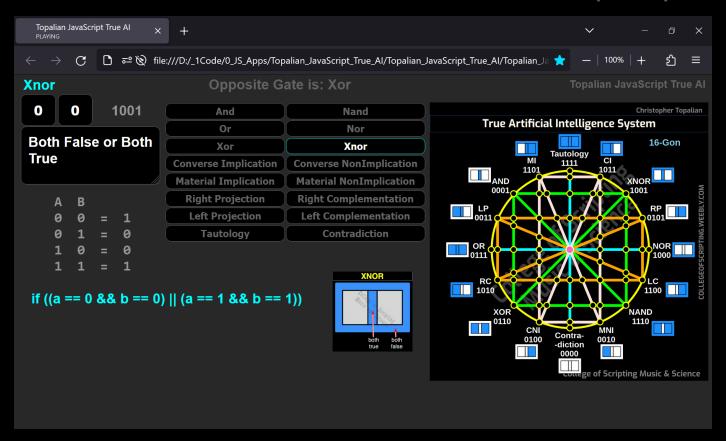


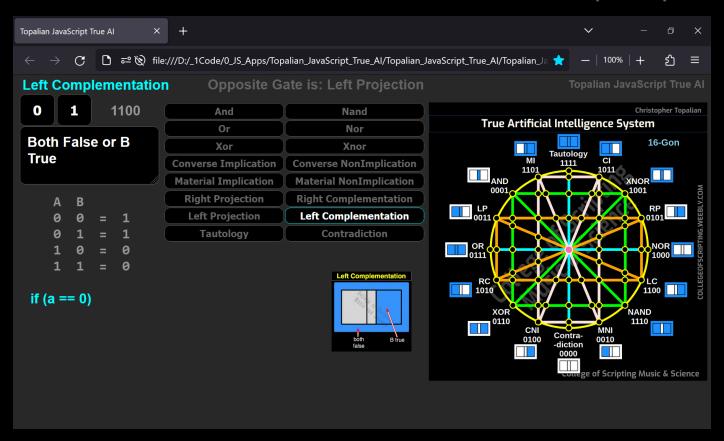


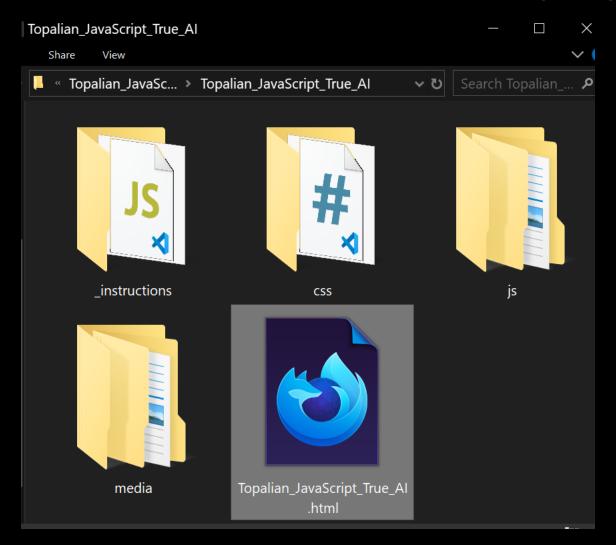


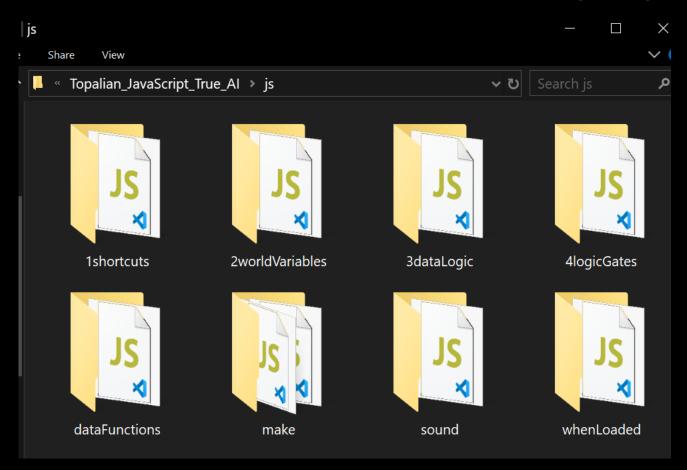












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// https://github.com/ChristopherTopalian

//

https://github.com/ChristopherAndrewTopalia

// 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_True_Al.html -->
- <!-- Version 001 (2024-02-28) -->
- <html>
- <head>

```
<title> Topalian JavaScript True AI </title>
<link rel = "stylesheet" href =</pre>
"css/style001.css">
<script src =
'js/1shortcuts/shortcuts.js'></script>
<script src =
'js/2worldVariables/worldVariables.js'></scrip
t>
<script src = 'js/3dataLogic/logic.js'></script>
<script src =
'js/dataFunctions/findIndexByName.js'></scri
pt>
```

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

<script src =
'js/make/makeLogicGateButtons.js'></script>

<script src =
'js/make/makeLogicCalculator.js'></script>

<script src =
'js/make/makeTrueAiDiagram.js'></script>

<script src =
'js/make/makeCredits.js'></script>

<script src =
'js/sound/loadSounds.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);
  font-family: Arial;
  font-size: 20px;
```

```
font-weight: bold;
  color: rgb(255, 255, 255);
  color: rgb(100, 100, 100);
  text-decoration: none;
a:hover
  text-decoration: underline;
input
  padding: 10px;
```

```
background-color: rgb(0, 0, 0);
  border: solid 1px rgb(100, 100, 100);
  border-radius: 8px;
  font-size: 20px;
  font-weight: bold;
  color: rgb(255, 255, 255);
  text-align: center;
textarea
  padding: 10px;
  background-color: rgb(0, 0, 0);
  border: solid 1px rgb(100, 100, 100);
  border-radius: 8px;
  font-family: Arial;
  font-size: 20px;
  font-weight: bold;
```

```
color: rgb(255, 255, 255);
.logicButtonsDiv
  display: grid;
  grid-template-columns: auto auto;
.logicGateButton
  margin: 1px;
  padding-left: 7px;
  padding-right: 7px;
  padding-top: 5px;
  padding-bottom: 5px;
  border: solid 1px rgb(100, 100, 100);
  border-radius: 8px;
```

```
background-color: rgb(0, 0, 0);
  font-size: 14px;
  font-weight: bold;
  color: rgb(100, 100, 100);
  line-height: 12px;
.logicGateButton:hover
  border-color: rgb(0, 255, 255);
  color: rgb(255, 255, 255);
.logicGateButton:active
  position: relative;
  top: 1px;
  border-color: rgb(100, 100, 255);
```

```
color: rgb(100, 100, 255);
```

```
// Dedicated to God the Father
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// https://github.com/ChristopherTopalian
II
https://github.com/ChristopherAndrewTopalia
n
// shortcuts.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 // All Rights Reserved Christopher Andrew Topalian Copyright 2000-2024 // https://github.com/ChristopherTopalian IIhttps://github.com/ChristopherAndrewTopalia n

// worldVariables.js

let online = false;

```
// Dedicated to God the Father
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// https://github.com/ChristopherTopalian
II
https://github.com/ChristopherAndrewTopalia
n
// logic.js
let logic =
    name: "And",
```

```
imgSrcOffline:
'media/textures/topalianDiagrams/and.png',
    imgSrcOnline:
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/and orig.png',
    function: "gateAnd(a, b)",
    formula: "if (a == 1 \&\& b == 1)",
    opposite: "Nand",
    truthTable: "0001",
    truthTableFormatted: `
    A B
    0 \quad 0 = 0
    0 \ 1 = 0
    1 \ 0 = 0
    1 \ 1 = 1
```

```
name: "Nand",
    imgSrcOffline:
'media/textures/topalianDiagrams/nand.png',
    imgSrcOnline:
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/nand orig.png',
    function: "gateNand(a, b)",
    formula: "if (a == 0 || b == 0)",
    opposite: "And",
    truthTable: "1110",
    truthTableFormatted: `
    A B
    0 \ 0 = 1
    0 \ 1 = 1
    1 \ 0 = 1
    1 \ 1 = 0
```

```
name: "Or",
    imgSrcOffline:
'media/textures/topalianDiagrams/or.png',
    imgSrcOnline:
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/or orig.png',
    function: "gateOr(a, b)",
    formula: "if (a == 1 || b == 1)",
    opposite: "Nor",
    truthTable: "0111",
    truthTableFormatted: `
    A B
    0 \quad 0 = 0
    0 \ 1 = 1
```

```
name: "Nor",
    imgSrcOffline:
'media/textures/topalianDiagrams/nor.png',
    imgSrcOnline:
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/nor_orig.png',
    function: "gateNor(a, b)",
    formula: "if (a == 0 \&\& b == 0)",
    opposite: "Or",
    truthTable: "1000",
    truthTableFormatted: `
    A B
    0 \ 0 = 1
```

```
name: "Xor",
    imgSrcOffline:
'media/textures/topalianDiagrams/xor.png',
    imgSrcOnline:
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/xor_orig.png',
    function: "gateXor(a, b)",
    formula: "if ((a == 1 \&\& b == 0) || (a == 0
&& b == 1))",
    opposite: "Xnor",
    truthTable: "0110",
```

```
truthTableFormatted: `
    AB
    0 \ 0 = 0
    1 \ 1 = 0
    name: "Xnor",
    imgSrcOffline:
'media/textures/topalianDiagrams/xnor.png',
    imgSrcOnline:
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/xnor orig.png',
    function: "gateXnor(a, b)",
```

```
formula: "if ((a == 0 \&\& b == 0) || (a == 1)
&& b == 1)",
    opposite: "Xor",
    truthTable: "1001",
    truthTableFormatted: `
    A B
    0 \ 0 = 1
    0 \ 1 = 0
    1 \ 0 = 0
    1 1 = 1
    name: "Converse Implication",
    imgSrcOffline:
'media/textures/topalianDiagrams/converse_i
mplication.png',
```

imgSrcOnline:

```
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/converse-
implication orig.png',
    function: "gateCi(a, b)",
    formula: "if (a == 1 || b == 0)",
    opposite: "Converse NonImplication",
    truthTable: "1011",
    truthTableFormatted: `
    A B
    0 \ 0 = 1
    0 \ 1 = 0
    1 \ 0 = 1
    1 \ 1 = 1
```

```
name: "Converse NonImplication",
    imgSrcOffline:
'media/textures/topalianDiagrams/converse_n
on implication.png',
    imgSrcOnline:
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/converse-non-
implication orig.png',
    function: "gateCni(a, b)",
    formula: "if (a == 0 \&\& b == 1)",
    opposite: "Converse Implication",
    truthTable: "0100",
    truthTableFormatted: `
    A B
    0 \ 0 = 0
    0 \ 1 = 1
    1 \ 0 = 0
    1 \ 1 = 0
```

```
name: "Material Implication",
    imgSrcOffline:
'media/textures/topalianDiagrams/material im
plication.png',
    imgSrcOnline:
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/material-
implication orig.png',
    function: "gateMi(a, b)",
    formula: "if (a == 0 || b == 1)",
    opposite: "Material NonImplication",
    truthTable: "1101",
    truthTableFormatted: `
    A B
```

```
0 \ 1 = 1
    name: "Material NonImplication",
    imgSrcOffline:
'media/textures/topalianDiagrams/material_n
on implication.png',
    imgSrcOnline:
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/material-non-
implication_orig.png',
    function: "gateMni(a, b)",
    formula: "if (a == 1 \&\& b == 0)",
```

```
opposite: "Material Implication",
    truthTable: "0010",
    truthTableFormatted: `
    AB
    0 \ 0 = 0
    0 \ 1 = 0
    1 \ 0 = 1
    1 \ 1 = 0
    name: "Right Projection",
    imgSrcOffline:
'media/textures/topalianDiagrams/right_proje
ction.png',
```

imgSrcOnline:

```
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/right-projection_orig.png',
    function: "gateRp(a, b)",
    formula: "if ((a == 0 \&\& b == 1) || (a == 1
&& b == 1))",
    opposite: "Right Complementation",
    truthTable: "0101",
    truthTableFormatted: `
    A B
    0 \ 0 = 0
    0 \ 1 = 1
    1 \ 0 = 0
     1 1 = 1
```

```
name: "Right Complementation",
    imgSrcOffline:
'media/textures/topalianDiagrams/right comp
lementation.png',
    imgSrcOnline:
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/right-
complementation orig.png',
    function: "gateRc(a, b)",
    formula: "if ((a == 0 \&\& b == 0) || (a == 1
&& b == 0))",
    opposite: "Right Projection",
    truthTable: "1010",
    truthTableFormatted: `
    A B
    0 \ 0 = 1
    0 \ 1 = 0
    1 \ 0 = 1
```

```
name: "Left Projection",
    imgSrcOffline:
'media/textures/topalianDiagrams/left project
ion.png',
    imgSrcOnline:
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/left-projection orig.png',
    function: "gateLp(a, b)",
    formula: "if (a == 1)",
    opposite: "Left Complementation",
    truthTable: "0011",
    truthTableFormatted: `
    A B
```

```
name: "Left Complementation",
    imgSrcOffline:
'media/textures/topalianDiagrams/left_comple
mentation.png',
    imgSrcOnline:
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/left-
complementation_orig.png',
    function: "gateLc(a, b)",
    formula: "if (a == 0)",
```

```
opposite: "Left Projection",
    truthTable: "1100",
    truthTableFormatted: `
    AB
    0 \ 0 = 1
    0 \ 1 = 1
    1 \ 1 = 0
    name: "Tautology",
    imgSrcOffline:
'media/textures/topalianDiagrams/tautology.p
```

ng',

imgSrcOnline:

```
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/tautology orig.png',
     function: "gateTautology(a, b)",
     formula: "if ((a == 0 \&\& b == 0) || (a == 0
&& b == 1) || (a == 1 && b == 0) || (a == 1 && b
== 1))",
     opposite: "Contradiction",
     truthTable: "1111",
     truthTableFormatted: `
    A B
     0 \ 0 = 1
     0 \ 1 = 1
     1 \ 0 = 1
     1 \ 1 = 1
```

```
name: "Contradiction",
    imgSrcOffline:
'media/textures/topalianDiagrams/contradicti
on.png',
    imgSrcOnline:
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/contradiction orig.png',
    function: "gateContradiction(a, b)",
    formula: "if ((a == 0 \&\& b == 0) || (a == 0)
88b == 1 || (a == 1 88b == 0) || (a == 1 88b
== 1))",
    opposite: "Tautology",
    truthTable: "0000",
    truthTableFormatted: `
    A B
    0 \ 0 = 0
    0 \ 1 = 0
```

// Dedicated to God the Father // All Rights Reserved Christopher Andrew **Topalian Copyright 2000-2024** // https://github.com/ChristopherTopalian IIhttps://github.com/ChristopherAndrewTopalia n // logicGates.js function gateAnd(a, b) if (a == 1 && b == 1)

return "Both True";

```
else
     return 0;
function gateNand(a, b)
  if ((a == 0 \&\& b == 0))
     (a == 1 \&\& b == 0) ||
     (a == 0 \&\& b == 1))
  */
  if (a == 0 || b == 0)
     return "Both False or A True or B True"
```

```
else
     return 0;
function gateOr(a, b)
  if ((a == 1 \&\& b == 0))
     (a == 0 \&\& b == 1) ||
     (a == 1 \&\& b == 1))
  */
  if (a == 1 || b == 1)
     return "One or Both True";
```

```
else
     return 0;
function gateNor(a, b)
  if (a == 0 \&\& b == 0)
     return "Both False";
  else
     return 0;
```

```
function gateXor(a, b)
  if ((a == 1 \&\& b == 0))
     (a == 0 \&\& b == 1))
     return "A True or B True";
  else
     return 0;
function gateXnor(a, b)
  if ((a == 0 \&\& b == 0))
     (a == 1 \&\& b == 1))
```

```
return "Both False or Both True";
  else
     return 0;
function gateCi(a, b)
  /*
  if ((a == 0 \&\& b == 0))
     (a == 1 \&\& b == 0) ||
     (a == 1 \&\& b == 1))
  */
  if (a == 1 || b == 0)
```

```
return "Both False or A True or Both
True";
  else
     return 0;
function gateCni(a, b)
  if (a == 0 \&\& b == 1)
     return "B True";
  else
```

```
return 0;
function gateMi(a, b)
  if ((a == 0 \&\& b == 0))
     (a == 0 \&\& b == 1)
     (a == 1 \&\& b == 1))
  */
  if (a == 0 || b == 1)
     return "Both False or B True or Both
True";
  else
```

```
return 0;
function gateMni(a, b)
  if (a == 1 \&\& b == 0)
     return "A True";
  else
     return 0;
```

function gateRp(a, b)

```
if ((a == 0 && b == 1) ||
     (a == 1 \&\& b == 1))
     return "B True or Both True";
  else
     return 0;
function gateRc(a, b)
  if ((a == 0 \&\& b == 0))
     (a == 1 \&\& b == 0))
     return "Both False or A True";
```

```
else
     return 0;
function gateLp(a, b)
  if ((a == 1 \&\& b == 0))
     (a == 1 \&\& b == 1))
  */
  if (a == 1)
     return "A True or Both True";
```

```
else
     return 0;
function gateLc(a, b)
  /*
  if ((a == 0 \&\& b == 0))
     (a == 0 \&\& b == 1))
  */
  if (a == 0)
     return "Both False or B True";
  else
```

```
return 0;
function gateTautology(a, b)
  if ((a == 0 \&\& b == 0))
     (a == 0 \&\& b == 1) ||
     (a == 1 && b == 0) ||
     (a == 1 \&\& b == 1))
     return "One or Both False or True";
  else
     return 0;
```

```
function gateContradiction(a, b)
  if ((a == 0 \&\& b == 0))
     (a == 0 \&\& b == 1) ||
     (a == 1 \&\& b == 0) ||
     (a == 1 \&\& b == 1))
     return "One or Both False or True.
Negative Message is placed here, or we can
leave it blank";
  else
     return 0;
```

```
// Dedicated to God the Father
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// https://github.com/ChristopherTopalian
II
https://github.com/ChristopherAndrewTopalia
n
// findIndexByName.js
function findIndexByName(whichArray,
whichName)
  let index =
whichArray.findIndex(function(a)
```

```
{
    return a.name === whichName
});
return index;
}
```

```
// Dedicated to God the Father
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// https://github.com/ChristopherTopalian
II
https://github.com/ChristopherAndrewTopalia
n
// makeCredits.js
function makeCredits()
  let creditsDiv =
document.createElement('div');
  creditsDiv.style.position = 'absolute';
```

```
creditsDiv.style.right = '10px';
  creditsDiv.style.top = '5px';
  creditsDiv.style.zIndex = 1;
  ba(creditsDiv);
  //-//
  let titleDiv =
document.createElement('div');
  titleDiv.innerHTML =
  `<a href =
'https://github.com/christophertopalian'
target = ' blank'>Topalian JavaScript True
AI</a>`;
  titleDiv.style.fontSize = '15px';
  titleDiv.style.color = 'rgb(120, 120, 120)';
  creditsDiv.append(titleDiv);
```

```
// Dedicated to God the Father
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Topalian Copyright 2000-2024
// https://github.com/ChristopherTopalian
II
https://github.com/ChristopherAndrewTopalia
n
// makeLogicCalculator.js
function makeLogicCalculator(whichItem)
  if (ge("logicCalcDiv"))
    ge("logicCalcDiv").remove();
```

```
//-//
let logicCalcDiv = ce("div");
logicCalcDiv.id = "logicCalcDiv";
logicCalcDiv.className = "logicCalcDiv";
logicCalcDiv.style.position = 'absolute';
logicCalcDiv.style.left = '10px';
logicCalcDiv.style.top = '5px';
logicCalcDiv.style.display = 'flex';
logicCalcDiv.style.flexDirection = 'column';
ba(logicCalcDiv);
//-//
let logicGateTitle = ce("div");
```

```
logicGateTitle.innerHTML =
logic[findIndexByName(logic,
whichItem)].name;
  logicGateTitle.id = "logicGateTitle";
  logicGateTitle.style.position = 'relative';
  logicGateTitle.style.left = '3.5px';
  logicGateTitle.style.top = '-1.5px';
  logicGateTitle.style.color = 'rgb(0, 255,
255)';
  logicCalcDiv.append(logicGateTitle);
  //-//
  let textboxDiv = ce('div');
  textboxDiv.id = 'textboxDiv';
  textboxDiv.style.display = 'flex';
  textboxDiv.style.flexDirection = 'row';
  logicCalcDiv.append(textboxDiv);
```

//-//

```
let textBox001 = ce("input");
textBox001.type = 'text';
textBox001.id = "textBox001";
textBox001.placeholder = "A";
textBox001.style.width = '50px';
textBox001.style.marginRight = '3px';
textBox001.onkeyup = function()
  let a = textBox001.value;
  let b = textBox002.value;
  if (b != ")
```

```
ge("textBoxResult").value =
eval(logic[findIndexByName(logic,
whichItem)].function);
  textboxDiv.append(textBox001);
  //-//
  let textBox002 = ce("input");
  textBox002.type = 'text';
  textBox002.id = "textBox002";
  textBox002.placeholder = "B";
  textBox002.style.width = '50px';
  textBox002.onkeyup = function()
    let a = textBox001.value;
    let b = textBox002.value;
```

```
if (a != " && b != ")
       ge("textBoxResult").value =
eval(logic[findIndexByName(logic,
whichItem)].function);
    else
       ge("textBoxResult").value = "
  textboxDiv.append(textBox002);
  //-//
  let textBoxResult = ce("textarea");
  textBoxResult.id = "textBoxResult";
```

```
textBoxResult.placeholder = "Result";
  textBoxResult.style.width = '200px';
  textBoxResult.onchange = function()
    if (ge('textBoxResult').value == 0)
       ge('textBoxResult').style.borderColor
= 'rgb(255, 255, 255)';
    else
       ge('textBoxResult').style.borderColor
= 'rgb(0, 255, 255)';
  logicCalcDiv.append(textBoxResult);
  //-//
```

```
let truthTableAbbreviated = ce('div');
  truthTableAbbreviated.innerHTML =
logic[findIndexByName(logic,
whichItem)].truthTable;
  truthTableAbbreviated.id =
'truthTableAbbreviated';
  truthTableAbbreviated.style.position =
'absolute':
  truthTableAbbreviated.style.left = '140px'
  truthTableAbbreviated.style.top = '40px';
  truthTableAbbreviated.style.color =
'rgb(150, 150, 150)';
  if (ge('truthTableAbbreviated'))
    ge('truthTableAbbreviated').remove();
  ba(truthTableAbbreviated);
```

||-||

```
let truthTableComplete = ce('div');
  truthTableComplete.innerHTML = '' +
logic[findIndexByName(logic,
whichItem)].truthTableFormatted + '';
  truthTableComplete.id =
'truthTableComplete';
  truthTableComplete.style.position =
'absolute';
  truthTableComplete.style.left = '-30px'
  truthTableComplete.style.top = '151px';
  truthTableComplete.style.color = 'rgb(150,
150, 150)';
  if (ge('truthTableComplete'))
    ge('truthTableComplete').remove();
```

```
ba(truthTableComplete);
  //-//
  let booleanLogicGate = ce('div');
  booleanLogicGate.innerHTML =
logic[findIndexByName(logic,
whichItem)].formula;
  booleanLogicGate.id = 'booleanLogicGate';
  booleanLogicGate.style.position =
'absolute';
  booleanLogicGate.style.left = '25px'
  booleanLogicGate.style.top = '310px';
  booleanLogicGate.style.width = '400px';
  booleanLogicGate.style.color = 'rgb(0, 255,
255)";
  if (ge('booleanLogicGate'))
```

```
ge('booleanLogicGate').remove();
  ba(booleanLogicGate);
  //-//
  let oppositeGate = ce('div');
  oppositeGate.innerHTML = 'Opposite Gate
is: ' + logic[findIndexByName(logic,
whichItem)].opposite;
  oppositeGate.id = 'oppositeGate';
  oppositeGate.style.position = 'absolute';
  oppositeGate.style.left = '280px'
  oppositeGate.style.top = '3px';
  oppositeGate.style.color = 'rgb(100, 100,
100)";
  if (ge('oppositeGate'))
```

```
ge('oppositeGate').remove();
  ba(oppositeGate);
  //-//
  let topalianDiagram = ce('img');
  topalianDiagram.id = 'topalianDiagram';
  if (online == false)
    topalianDiagram.src =
logic[findIndexByName(logic,
whichItem)].imgSrcOffline;
  else
```

```
topalianDiagram.src =
logic[findIndexByName(logic,
whichItem)].imgSrcOnline;
}
topalianDiagram.style.position = 'absolute';
topalianDiagram.style.left = '458px';
topalianDiagram.style.top = '283px';
topalianDiagram.style.width = '115px';
ba(topalianDiagram);
}
```

```
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// https://github.com/ChristopherTopalian
II
https://github.com/ChristopherAndrewTopalia
n
// makeLogicGateButtons.js
function makeLogicGateButtons()
  let logicButtonsDiv = ce("div");
  logicButtonsDiv.id = "logicButtonsDiv";
```

```
logicButtonsDiv.className =
"logicButtonsDiv";
  logicButtonsDiv.style.position = 'absolute';
  logicButtonsDiv.style.left = '217px';
  logicButtonsDiv.style.top = '40px';
  logicButtonsDiv.style.width = '375px';
  ba(logicButtonsDiv);
  ||-||
  for (let x = 0; x < logic.length; x++)
    let logicGateButton = ce("button");
    logicGateButton.innerHTML =
logic[x].name;
    logicGateButton.id = "logicGateButton"
+ logic[x].name;
```

```
logicGateButton.className =
"logicGateButton";
    logicGateButton.onclick = function()
      ge('sfx_blip_001').play();
      makeLogicCalculator(logic[x].name);
    };
    logicGateButton.onmouseover =
function()
      ge('sfx_warp_001').play();
logicButtonsDiv.append(logicGateButton);
```

```
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n
// makeTrueAiDiagram.js
function makeTrueAiDiagram()
  let trueAiDiagram = ce('img');
  trueAiDiagram.id = 'trueAiDiagram';
  if (online == false)
```

```
trueAiDiagram.src =
'media/textures/true_ai_by_christopher_topal
ian.png';
  else
    trueAiDiagram.src =
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/true-ai-by-christopher-
topalian_orig.png';
  trueAiDiagram.style.position = 'absolute';
  trueAiDiagram.style.left = '598px';
  trueAiDiagram.style.top = '40px';
  trueAiDiagram.style.width = '400px';
  ba(trueAiDiagram);
```

```
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https://github.com/ChristopherAndrewTopalia
n
// loadSounds.js
function loadSounds()
  let sounds =
```

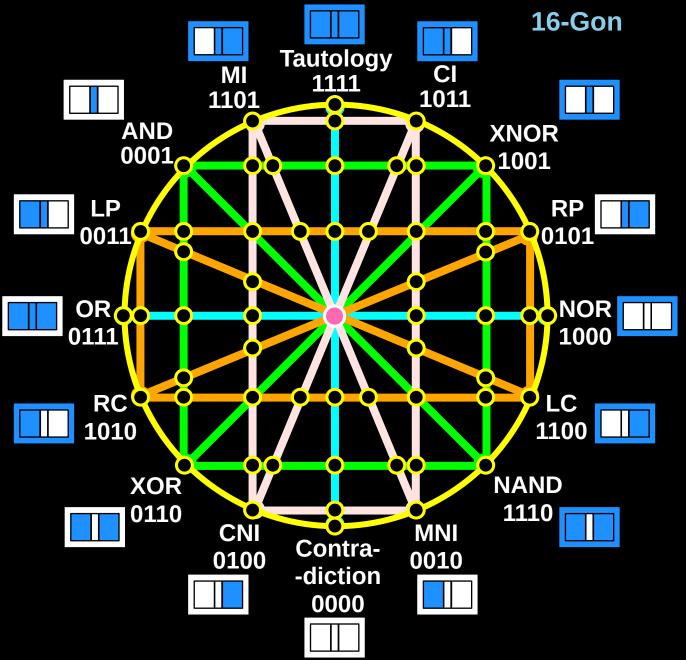
```
name: 'sfx blip 001',
      soundFileOffline:
'media/sounds/sfx blip 001.mp4',
      soundFileOnline:
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/sfx_blip_001.mp4'
       name: 'sfx_warp_001',
      soundFileOffline:
'media/sounds/sfx warp 001.mp4',
      soundFileOnline:
'https://collegeofscripting.weebly.com/upload
s/6/4/4/8/64482293/sfx warp 001.mp4'
```

```
for (let x = 0; x < sounds.length; <math>x++)
    let theSound = ce('audio');
    if (online == false)
       theSound.src =
sounds[x].soundFileOffline;
    else
       theSound.src =
sounds[x].soundFileOnline;
    theSound.id = sounds[x].name;
    theSound.loop = false;
    theSound.volume = 1.0;
    ba(theSound);
```

```
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https://github.com/ChristopherAndrewTopalia
n
// whenLoaded.js
function whenLoaded()
  loadSounds();
  makeLogicCalculator("And");
```

```
makeLogicGateButtons();
makeTrueAiDiagram();
makeCredits();
}
```

True Artificial Intelligence System



For More Tutorials:

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CollegeOfScripting.wordpress.com

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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.

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