

# **Topalian Game Engine**

## **Data Navigator**

**by**

**Christopher Topalian**

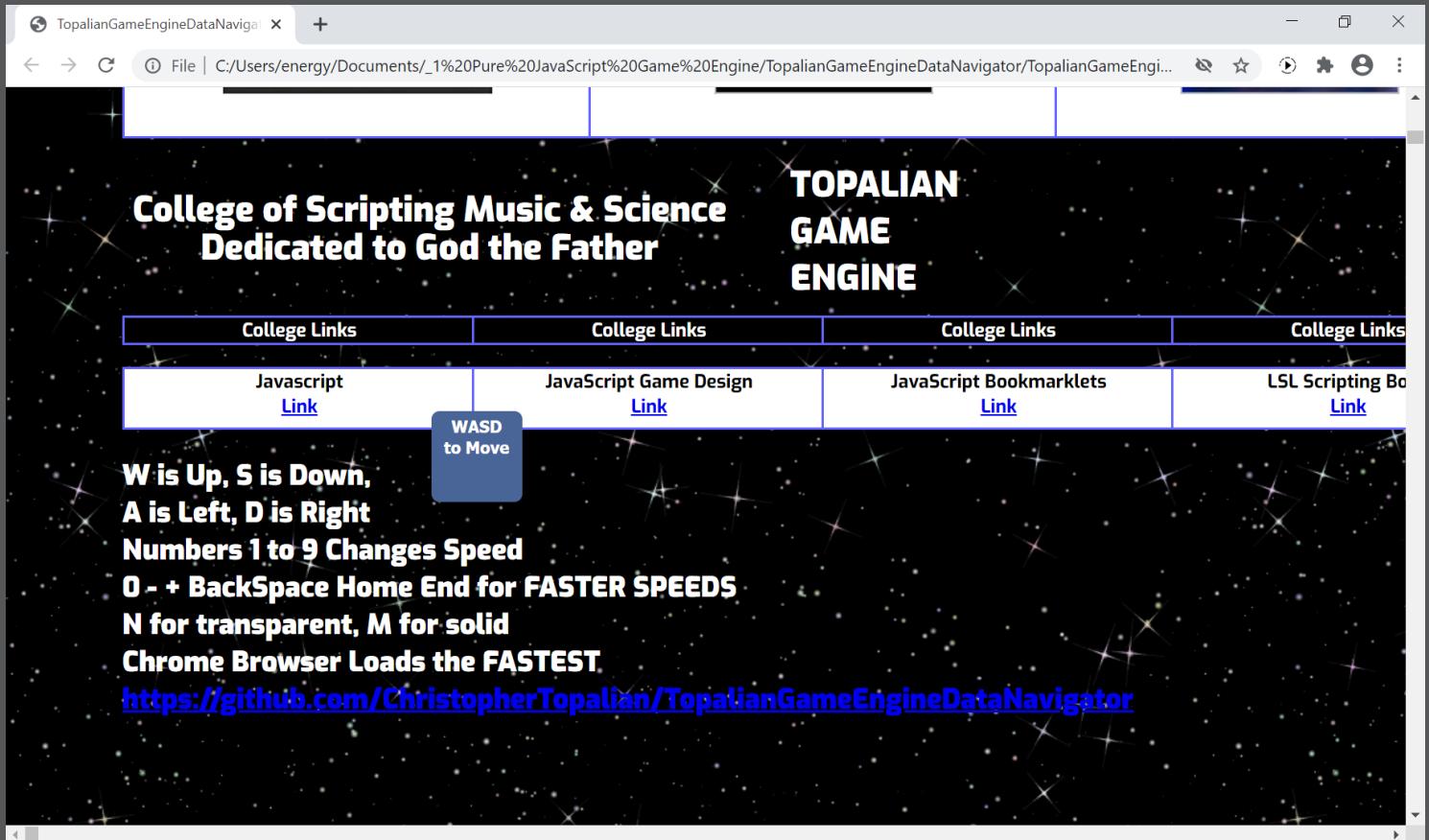
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## Table of Contents

Introduction.....	3
Features.....	4
Moving Character that Explores the Data.....	4
Play Video and Audio.....	4
Organizing/Sorting/Filtering.....	6
Interface.....	7
Websites onto the Page.....	8
News Articles.....	9
Timeline Generation.....	10
Video Instruction on Using the App.....	11
GITHUB: Topalian Game Engine Data Navigator.....	12
CODE Topalian Game Engine Data Navigator 019.html.....	13
CODE TopalianData.js.....	195
CODE TopalianSpreadsheetToJavascript019.html.....	213

# **Introduction**



The **Topalian Game Engine Data Navigator** is a **JS, HTML, CSS** Application designed to organize and display hundreds of thousands of pieces of information, including **video, audio, images, text, links, and web pages**.

The Topalian Game Engine Data Navigator is a **100% PURE JAVASCRIPT** Application. There are NO other libraries used.

This JAVASCRIPT APPLICATION is useful for:

- Professional Investigators (police, FBI, M.I. etc)
- Teachers/Students (All levels)
- Musicians, Artists, Scientists in all fields

## **Features**

### **Moving Character that Explores the Data**

**Abilities:**

- ✓ Player Moves in All Directions Smoothly
- ✓ Camera Follows Player Around the World
- ✓ Speeds - Very Slow to Extremely Fast
- ✓ Transparent or Solid Player Body
- ✓ Mouse Position of where Player clicks on the screen

### **Play Video and Audio**

**From:**

- ✓ Internet URL address as a LINK you visit
- ✓ Internet URL address as an Embedded video on the page
- ✓ File on your computer
- ✓ File on a Server

### **Video and Audio Playback Features:**

- ✓ Speed Buttons of 100%, 75%, 50%, 25%, 10%
- ✓ > || Play/Pause, **Spacebar**, or **K**
- ✓ Set the Start and End Time
- ✓ Set Only the Start Time
- ✓ Set Only the End Time
- ✓ Continuous Play or Isolation Mode

- ✓ Resize Player to Any Size you Want
- ✓ → Forward One Frame, **period** when video is paused
- ✓ ← Backward One Frame, **comma** when video is paused
- ✓ Slow Video Down by 25% with **Shift + Comma**
- ✓ Speed the Video Up by 25% with **Shift + Period**
- ✓ Mute the Video with **M**
- ✓ Decrease Video Volume with **Down Arrow**
- ✓ Increase Video Volume with **Up Arrow**
- ✓ « Backwards 5 Seconds with **Left Arrow**
- ✓ » Forwards 5 Seconds with **Right Arrow**
- ✓ « Backwards 10 Seconds with **J**
- ✓ » Forwards 10 Seconds with **L**
- ✓ Position the Video and/or Audio File Any Where on the Page
- ✓ Go to the Source of the Youtube Video by clicking the Youtube Logo
- ✓ Full Screen Video for Youtube, after you click the Youtube Logo
- ✓ Full Screen for Videos in Folder or Server, Click bottom right square
- ✓ Close Captions by clicking on the **CC** button

# Organizing/Sorting/Filtering

Sort the Data: ASCENDING AND DESCENDING (Low to High, High to Low)

- ✓ Alphabetically
- ✓ Alphanumerically
- ✓ Date
- ✓ Month
- ✓ Day
- ✓ Year
- ✓ Month and Day
- ✓ Month and Year
- ✓ Multiple Years
- ✓ Multiple Months
- ✓ Multiple Years and Months
- ✓ Time of Day

# Interface

## Abilities

- ✓ Zoom IN/OUT to any setting that your web browser allows
- ✓ Print Any Div on the Screen
- ✓ Video, Audio, Images, Text, Links, Style Sheets may be used, since we are using Javascript, HTML and CSS.
- ✓ Data is Laid out in Rows - You Decide where to place the Row
- ✓ Load Data On Page Load, Crossing Specific Points and Push Button
- ✓ Deleting Divs
- ✓ Use the Web Browser Console to Debug Any Additions Made
- ✓ Window Abilities, Minimize, Maximize, Resize
- ✓ Advanced Video and Audio Controls - See Video/Audio Features

## Websites onto the Page

Entire Websites can be loaded onto your web page, but those website  
MUST ALLOW IFRAME!

If the website allows iframe, then you can use an iframe to place that  
website onto your web page.

Keep in mind that some websites will effect loading time if you load  
them at the start of the application. If a website takes much time to load,  
then it is a good idea to allow the user the choice of loading it or not, by  
using a push button option to load the content.

The functionality of the website will be the same on your webpage.

# News Articles

Displaying a Row of News Articles is easy.

```
let videoEvidence =  
[  
  { headline:"Bill Gates Met With Jeffrey Epstein Many Times, Despite His Past",  
    date:"10/12/2019 12:00 AM", url :"https://www.nytimes.com/2019/10/12/business/jeffrey-epstein-bill-gates.html", tag : "news", description:"epstein"},  
  {  
    headline:"Twitter cracks down on QAnon, will ban thousands of accounts", date : "07/21/2020 12:00 AM", url:"https://fortune.com/2020/07/21/twitter-qanon-accounts-banned-crackdown/", tag: "news",  
    description:"qanon"}  
];
```

As you can see above, we have an object, made of keys and values.

The keys are **headline**, **date**, **url**, **tag** and **description**.

The values of those keys are written after the colon symbol :

Do NOT use double quotes in a headline or other key value. The double quote is used to end the string value, so if you use the double quote in the value itself, it would end the string, before we wanted it to be ended.

Entries are sorted by the DATE

**date:"10/12/2019 12:00 AM"**

## Timeline Generation

All Items are Sorted by Date other criteria, such as name or number.

This makes INVESTIGATIONS much easier!

Now, every clue can be placed on a timeline automatically!

You can include the text, date, time, location, images, videos, map links, news links, etc.

Making Custom Row Functions is very easy too.

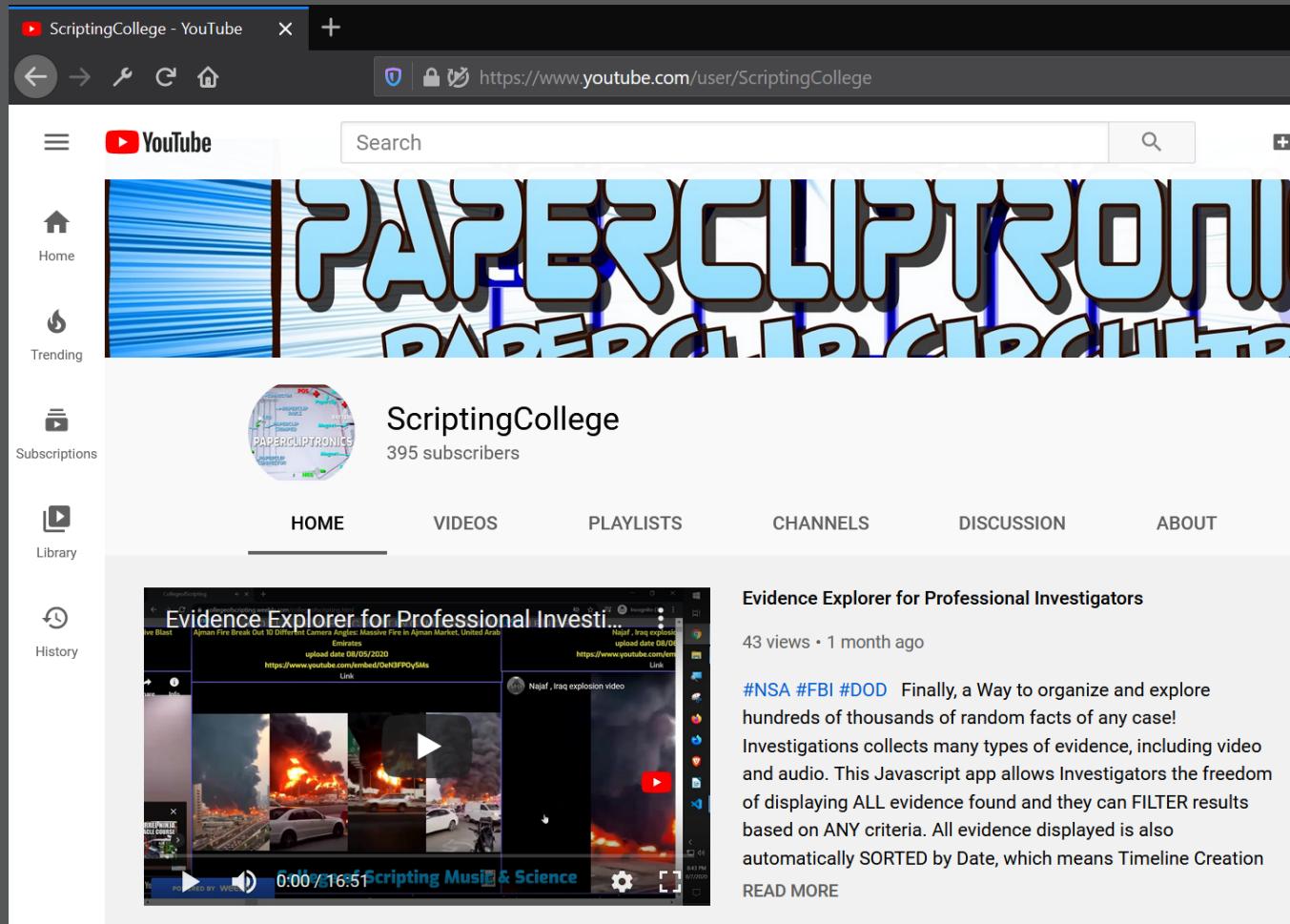
All Investigations are unique and that is one of the many reasons why Javascript is chosen for this task.

Javascript allows investigators the flexibility in designing their own functions to organize and display the data in any way that they decide is useful for their purposes.

# Video Instruction on Using the App

Watch detailed video instruction on how to turn your spreadsheet data into Javascript format and learn the many features available to you.

**<https://www.youtube.com/ScriptingCollege>**



**Data Navigator is also known as:**

- Evidence Explorer
- Data Explorer
- Evidence Navigator

# GITHUB: Topalian Game Engine Data Navigator

Download the Newest Version of the Code here:

[https://github.com/ChristopherTopalian/  
TopalianGameDataNavigator](https://github.com/ChristopherTopalian/TopalianGameDataNavigator)

The screenshot shows a GitHub repository page for the user ChristopherTopalian. The repository name is "TopalianGameDataNavigator". The page displays a single commit from "ChristopherTopalian" made 4 days ago, which adds files via upload. The commit message is "Add files via upload". The commit includes 122 commits. Below the commit, there is a list of files added via upload, including "Archive", "\_audio", "\_video", "README.md", "TopalianData.js", "TopalianGameDataNavigator014g.html", "TopalianSpreadsheetDataFILE.ods", and "TopalianSpreadsheetToJavascript0...". The "README.md" file is expanded, showing its content. The README describes the project as "TopalianGameEngineDataNavigator" and states its purpose: "Turn spreadsheets into video games! Make video game websites easily! Automatic Timeline Generation using pure Javascript for our Website! We Navigate the Data using a VIDEO GAME PLAYER THAT MOVES!!! Video of".

File	Description	Time Ago
Archive	Add files via upload	4 days ago
_audio	Add files via upload	6 days ago
_video	Add files via upload	6 days ago
README.md	Update README.md	4 days ago
TopalianData.js	Update TopalianData.js	4 days ago
TopalianGameDataNavigator014g.html	Update TopalianGameDataNavigator014g.html	4 days ago
TopalianSpreadsheetDataFILE.ods	Add files via upload	4 days ago
TopalianSpreadsheetToJavascript0...	Add files via upload	4 days ago

**There is an \_audio and \_video folder included, for if you decide to add your own local files.**

# **CODE Topalian Game Engine Data Navigator**

## **019.html**

---

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

**<!-- All Rights Reserved Christopher Topalian Copyright 2020-2021 -->**

**<!-- Topalian Game Engine Data Navigator -->**

**<!-- Camera Follows Player -->**

**<-- W is Up, S is Down, A is Left, D is Right.**

**Click mouse to get X and Y coordinates of any place on the screen**

**press numbers 1 to 9 to adjust Speed**

**press 0 - + BackSpace Home End for Super Speeds**

**press N for the player to be see-through, press M for solid**

**press Z for Player Menu, to travel to locations quickly**

**-->**

**<-- works in chrome, firefox, brave, and others -->**

**<-- loads the FASTEST in the Chrome Browser(MUCH FASTER)! -->**

<!-- See the code in Action

<https://collegeofscripting.weebly.com/> -->

<!-- See the video tutorials

<https://youtube.com/scriptingcollege> -->

<!-- See the DataNavigator Code here

<https://github.com/ChristopherTopalian/TopalianGameEngine>  
DataNavigator -->

```
<html><head>
<style>
#thePlayer{
    position: absolute;
    width: 70px;
    height: 70px;
    background: rgb(73, 100, 150);
    z-index:1001;
    word-wrap: break-word;
    font-family: Tahoma;
    line-height: 18px;
```

```
font-size: 14px;  
font-weight:bold;  
padding: 4px;  
text-align: center;  
border-radius: 7px;  
}
```

```
#theBackground{  
    position: absolute;  
    width: 20000px;  
    height: 20000px;  
    background: black;  
    left: 0px;  
    top: 0px;  
    opacity: 0.3;  
    z-index:-100;  
}
```

```
#stars{  
    position: absolute;  
    width: 20000px;  
    height: 20000px;
```

```
background: black;  
left: 0px;  
top: 0px;  
opacity: 1.0;  
z-index:-99;  
background-image:  
url("https://collegeofscripting.weebly.com/uploads/6/4/4/8/644  
82293/stars-nice-edited_orig.png");  
/* background-repeat: repeat; */  
  
/*https://collegeofscripting.weebly.com/uploads/6/4/4/8/644822  
93/stars-nice_orig.png */  
}
```

```
.divBackground  
{  
background: black;  
background-image:  
url("https://collegeofscripting.weebly.com/uploads/6/4/4/8/644  
82293/stars-nice-edited_orig.png");  
/* background-repeat: repeat; */  
}
```

**body**

```
{  
    color:white; /*font color*/  
}  
  
div
```

```
{  
    padding-top: 2px;  
    padding-bottom: 2px;  
}
```

```
.theImage  
{  
    height:75%;  
    object-fit: contain;  
    vertical-align: middle;  
    z-index: 10;  
}
```

```
.theSciencelimages  
{  
    max-width:100%;  
    height: auto;
```

```
object-fit: contain;  
margin-left: auto;  
margin-right: auto;  
display: block;  
z-index: 10;  
}
```

### .ourButton

```
{  
/*width: 55px;*/  
background-color: rgb(0, 77, 129);  
border: solid 1px rgb(100, 100, 255);  
color: white;  
font-weight: normal;  
padding-left: 10px;  
padding-right: 10px;  
padding-top: 2px;  
padding-bottom: 0px;  
text-align: center;  
text-decoration-style: double;  
font-size: 15px;  
border-radius: 7px;
```

```
    opacity:1.0;  
    margin:2px;  
}  
  
.ourButton:hover  
{  
    background-color: rgb(6, 31, 47);  
}  
  
  
.evidenceWithImage  
{  
    background-color: black;  
    word-wrap: break-word;  
}  
  
  
.socialMediaEvidence  
{  
    background-color: black;  
    word-wrap: break-word;  
}  
  
  
.defaultDiv  
{
```

```
color:black;  
z-index:15;  
font-family:exo;  
font-weight:bold;  
font-size:19px;  
background:rgb(210, 210, 210);  
text-align:center;  
}  
  
textarea
```

```
{  
resize: none;  
height: 100px;  
overflow-y: scroll;
```

```
}
```

```
a:link  
{  
color:rgb(111, 162, 255);  
}
```

```
a:visited
```

```
{  
    color:rgb(133, 134, 209);  
  
}  
  
.vidStyle  
{  
    transition: transform .2s;  
  
}  
  
/* zoom feature for videos to be added */  
.vidStyle:hover  
{  
    /*transform: scale(2.5);*/  
    position: "absolute";  
    transform: translateY(+79%) scale(2.5);  
}  
  
.bookImage  
{  
    /* height:100%; */  
    /* width: 100%; */
```

```
object-fit: contain;  
max-width:100%;  
/* max-height:100%; */  
vertical-align: middle;  
z-index: 10;  
}  
  
/*zoom feature to be added */  
.bookImage:hover  
{  
/* position: "absolute"; */  
/* transform: scale(1.2); */  
/* z-index:100; */  
/* transform: translateY(+79%) scale(2.5); */  
/* transform: translateY(+5%) scale(1.2); */  
}  
  
</style>
```

<!-- VERY IMPORTANT -->

<!-- Make sure you have this js file in your folder. It is the data.  
-->

<script src="TopalianData.js"></script>

```
</head>

<body onload="whenLoaded();">

    <!-- create the Player -->
    <div id="thePlayer" class="box">WASD<br> to
Move</div>

    <!-- create the Background div -->
    <div id="theBackground"></div>

    <!-- create the Stars div -->
    <div id="stars"></div>

<script>

    function notesRow(theX, theY, sizeX, sizeY, whichArray,
criteria1)
    {
        theX -= sizeX;
```

//This code below allows us to create an id to be used for location data by our menu.

```
let idForPosition = document.createElement("div");
idForPosition.style.position="absolute";
idForPosition.style.left= theX +'px';
idForPosition.style.top= theY -22 + 'px';
idForPosition.id = "notesId";
document.body.append(idForPosition);
```

```
//used with theNotes array
for(let i = 0; i < whichArray.length; i++)
{
    theX = theX + sizeX; //columns across

    if(whichArray[i].tag == criteria1)
    {
        //filter for a MONTH, meaning, SHOW ONLY 1
month
        //if(whichArray[i].date.substring(0,2) == 3)

        //filter for Multiple MONTHS
        //if(whichArray[i].date.substring(0,2) == 8 ||
whichArray[i].date.substring(0,2) == 9)
```

//filter for a DATE  
//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018")

//filter for a Multiple DATES  
//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018" || whichArray[i].date.substring(0,10) ==  
"02/29/2020")

//filter for a DAY, of any month, of any year  
//if(whichArray[i].date.substring(3,5) == 2)

//filter for a YEAR  
//if(whichArray[i].date.substring(6,10) == 2019)

//filter for MULTIPLE YEARS  
//if(whichArray[i].date.substring(6,10) == 2019 ||  
whichArray[i].date.substring(6,10) == 2020)

//filter for MONTH and YEAR  
//if(whichArray[i].date.substring(0,2) == 2 &&  
whichArray[i].date.substring(6,10) == 2020)

```
//You can replace the if statement below,  
//with one of the options above.  
if(whichArray) //shows all items  
{  
    let notesCategoryTitle =  
document.createElement("div");  
    notesCategoryTitle.style.position="absolute";  
    notesCategoryTitle.style.left= theX +'px';  
    notesCategoryTitle.style.top= theY -35 + 'px';  
  
    notesCategoryTitle.style.color="white";  
    notesCategoryTitle.style.zIndex="10";  
    notesCategoryTitle.style.fontFamily="exo";  
    notesCategoryTitle.style.fontWeight="bold";  
    notesCategoryTitle.style.fontSize="medium";  
    notesCategoryTitle.style.background="black";  
  
    notesCategoryTitle.style.textAlign="center";  
    notesCategoryTitle.style.width= sizeX +'px';  
    notesCategoryTitle.style.border = "solid 2px  
rgba(100,100,255,1.0)";  
    notesCategoryTitle.innerHTML="Notes Row";
```

```
let notesDiv = document.createElement("div");
notesDiv.style.position="absolute";
notesDiv.style.left= theX + 'px';
notesDiv.style.top= theY +'px';
notesDiv.style.color="white";
notesDiv.style.zIndex="1";
notesDiv.style.border = "solid 2px
rgba(0,0,100,1.0)";

notesDiv.style.fontFamily="exo";
notesDiv.style.fontWeight="normal";
notesDiv.style.fontSize="medium";
notesDiv.style.width= sizeX +'px';
notesDiv.style.height= sizeY +'px';
// notesDiv.style.background="grey";
notesDiv.style.textAlign="center";

notesDiv.setAttribute("class", "divBackground");
//"+criteria+"

//notesRow.id = whichArray[i].id;
notesDiv.id = Math.floor(350000 +
Math.random() * 9750000);
```

```

notesDiv.innerHTML += '<button
onclick="printOnlyDiv(\"'+notesDiv.id+'\");"
class="ourButton">Print</button><br>';

notesDiv.innerHTML+= whichArray[i].date +
"<br>";

notesDiv.innerHTML+= whichArray[i].number +
"<br>";

notesDiv.innerHTML+= whichArray[i].note +
"<br>";

document.body.append(notesDiv);
document.body.append(notesCategoryTitle);

}

}

}

}

function notesWithTextAreaRow(theX, theY, sizeX, sizeY,
whichArray, criteria1)
{
theX -= sizeX;

```

//This code below allows us to create an id to be used for location data by our menu.

```
let idForPosition = document.createElement("div");
idForPosition.style.position="absolute";
idForPosition.style.left= theX +'px';
idForPosition.style.top= theY -22 + 'px';
idForPosition.id = "notesWithTextAreaId";
document.body.append(idForPosition);
```

//used with theNotes array

```
for(let i = 0; i < whichArray.length; i++)
```

```
{
```

```
theX = theX + sizeX; //columns across
```

```
if(whichArray[i].tag == criteria1)
```

```
{
```

//filter for a MONTH, meaning, SHOW ONLY 1  
month

```
//if(whichArray[i].date.substring(0,2) == 3)
```

//filter for Multiple MONTHS

```
//if(whichArray[i].date.substring(0,2) == 8 ||
whichArray[i].date.substring(0,2) == 9)
```

//filter for a DATE  
//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018")

//filter for a Multiple DATES  
//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018" || whichArray[i].date.substring(0,10) ==  
"02/29/2020")

//filter for a DAY, of any month, of any year  
//if(whichArray[i].date.substring(3,5) == 2)

//filter for a YEAR  
//if(whichArray[i].date.substring(6,10) == 2019)

//filter for MULTIPLE YEARS  
//if(whichArray[i].date.substring(6,10) == 2019 ||  
whichArray[i].date.substring(6,10) == 2020)

//filter for MONTH and YEAR  
//if(whichArray[i].date.substring(0,2) == 2 &&  
whichArray[i].date.substring(6,10) == 2020)

```
//You can replace the if statement below,  
//with one of the options above.  
if(whichArray) //shows all items  
{  
    let notesCategoryTitle =  
document.createElement("div");  
    notesCategoryTitle.style.position="absolute";  
    notesCategoryTitle.style.left= theX +'px';  
    notesCategoryTitle.style.top= theY -35 + 'px';  
  
    notesCategoryTitle.style.color="white";  
    notesCategoryTitle.style.zIndex="10";  
    notesCategoryTitle.style.fontFamily="exo";  
    notesCategoryTitle.style.fontWeight="bold";  
    notesCategoryTitle.style.fontSize="medium";  
    notesCategoryTitle.style.background="black";  
  
    notesCategoryTitle.style.textAlign="center";  
    notesCategoryTitle.style.width= sizeX +'px';  
    notesCategoryTitle.style.border = "solid 2px  
rgba(100,100,255,1.0)";  
    notesCategoryTitle.innerHTML="Notes Row  
with Text Area Scrolling";
```

```
let notesDiv = document.createElement("div");
notesDiv.style.position="absolute";
notesDiv.style.left= theX + 'px';
notesDiv.style.top= theY +'px';
notesDiv.style.color="white";
notesDiv.style.zIndex="1";
notesDiv.style.border = "solid 2px
rgba(0,0,100,1.0)";

notesDiv.style.fontFamily="exo";
notesDiv.style.fontWeight="normal";
notesDiv.style.fontSize="medium";
notesDiv.style.width= sizeX +'px';
notesDiv.style.height= sizeY +'px';
//notesDiv.style.background="grey";
notesDiv.style.textAlign="center";

notesDiv.setAttribute("class",
"divBackground");
//"+criteria+"

//notesRow.id = whichArray[i].id;
```

```
notesDiv.id = Math.floor(350000 +
Math.random() * 9750000);

let theTextArea =
document.createElement("textarea");

theTextArea.style.position="absolute";
theTextArea.style.left= theX + 17 +'px';
theTextArea.style.top= theY + 30 +'px';
theTextArea.style.color="white";
theTextArea.style.zIndex="1";
theTextArea.style.border = "solid 2px
rgba(0,0,100,1.0)";

theTextArea.style.fontFamily="exo";
theTextArea.style.fontWeight="normal";
theTextArea.style.fontSize="medium";
theTextArea.style.width= sizeX -30 +'px';
theTextArea.style.height= sizeY -50 +'px';
//theTextArea.style.background="grey";
theTextArea.style.textAlign="center";

theTextArea.setAttribute("readonly", "true");
theTextArea.setAttribute("class",
"divBackground");
```

```
//"+criteria+"  
  
theTextArea.value += whichArray[i].date + "\n";  
theTextArea.value += whichArray[i].number + "\n";  
theTextArea.value += whichArray[i].note + "\n";  
  
theTextArea.id = Math.floor(350000 +  
Math.random() * 9750000);  
  
let printButton =  
document.createElement("div");  
  
printButton.style.position="absolute";  
printButton.style.left= theX + 4 +'px';  
printButton.style.top= theY + 7 + 'px';  
  
printButton.style.color="white";  
printButton.style.zIndex="10";  
  
printButton.innerHTML += '<button  
onclick="printTextArea(\"'+theTextArea.id+'\");"  
class="ourButton">Print</button><br>';  
  
document.body.append(notesDiv);
```

```

        document.body.append(printButton);
        document.body.append(theTextArea);
        document.body.append(notesCategoryTitle);

    }
}

}

/*
 * Adds videos to the page
 * the videos must allow embed
 * on youtube, you copy the url in the Address Bar
 * for example https://www.youtube.com/watch?
v=Q4tPG-cwiWE
 * now you just replace watch?v= with embed/
 * for example https://www.youtube.com/embed/Q4tPG-
cwiWE
*/
function makeVideos(theX, theY, sizeX, sizeY,
whichArray, criteria)
{
    theX -= sizeX;
}

```

//This code below allows us to create an id to be used for location data by our menu.

```
let idForPosition = document.createElement("div");
idForPosition.style.position="absolute";
idForPosition.style.left= theX +'px';
idForPosition.style.top= theY -22 + 'px';
idForPosition.id = "videoEvidenceId";
document.body.append(idForPosition);
```

//used with videoEvidence array

```
for(let i = 0; i < whichArray.length; i++)
```

```
{
```

```
if(whichArray[i].description == criteria)
```

```
{
```

```
theX = theX + sizeX; //columns across
```

//filter for a MONTH, meaning, SHOW ONLY 1 month

```
//if(whichArray[i].date.substring(0,2) == 3)
```

//filter for Multiple MONTHS

```
//if(whichArray[i].date.substring(0,2) == 8 ||
whichArray[i].date.substring(0,2) == 9)
```

//filter for a DATE  
//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018")

//filter for a Multiple DATES  
//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018" || whichArray[i].date.substring(0,10) ==  
"02/29/2020")

//filter for a DAY, of any month, of any year  
//if(whichArray[i].date.substring(3,5) == 2)

//filter for a YEAR  
//if(whichArray[i].date.substring(6,10) == 2019)

//filter for MULTIPLE YEARS  
//if(whichArray[i].date.substring(6,10) == 2019 ||  
whichArray[i].date.substring(6,10) == 2020)

//filter for MONTH and YEAR  
//if(whichArray[i].date.substring(0,2) == 2 &&  
whichArray[i].date.substring(6,10) == 2020)

```
//You can replace the if statement below,  
//with one of the options above.  
if(whichArray) //shows all items  
{  
    let createCategoryTitle =  
document.createElement("div");  
    createCategoryTitle.style.position="absolute";  
    createCategoryTitle.style.left= theX +'px';  
    createCategoryTitle.style.top= theY -100 + 'px';  
    createCategoryTitle.style.color="white";  
    createCategoryTitle.style.zIndex="10";  
    createCategoryTitle.style.fontFamily="exo";  
    createCategoryTitle.style.fontWeight="bold";  
    createCategoryTitle.style.fontSize="medium";  
    createCategoryTitle.style.background="black";  
    createCategoryTitle.style.textAlign="center";  
    createCategoryTitle.style.width= sizeX +'px';  
    createCategoryTitle.style.border = "solid 2px  
rgba(100,100,255,1.0)";
```

```
createCategoryTitle.innerHTML=whichArray[i].title + "<br>" +  
"upload date " + "+ whichArray[i].date+" + "<br>" + "+  
whichArray[i].url+" + "<br>" + '<a href=' + whichArray[i].url +
```

```
'\'' target="_blank">Link</a><br>' + '<b  
style="color:aqua">\''+criteria+' + "</b>";  
  
createCategoryTitle.id = Math.floor(300000 +  
Math.random() * 9700000);  
  
let printButton =  
document.createElement("div");  
  
printButton.style.position="absolute";  
printButton.style.left= theX +'px';  
printButton.style.top= theY -25 + 'px';  
  
printButton.style.color="white";  
printButton.style.zIndex="10";  
  
printButton.innerHTML += '<button  
onclick="printOnlyDiv(\''+createCategoryTitle.id+'\')";  
class="ourButton">Print</button><br>';  
  
let makeVideo =  
document.createElement("iframe");  
  
makeVideo.src = whichArray[i].url;
```

```
makeVideo.style.position="absolute";
makeVideo.style.left= theX +'px';
makeVideo.style.top= theY + 'px';
makeVideo.style.color="aqua";
makeVideo.style.zIndex="1";
makeVideo.style.fontFamily="exo";
makeVideo.style.fontWeight="bold";
makeVideo.style.fontSize="xx-large";
makeVideo.style.width= sizeX +'px';
makeVideo.style.height= sizeY +'px';
makeVideo.style.background="black";
makeVideo.style.textAlign="center";
makeVideo.style.border = "solid 2px
rgba(100,100,255,1.0)";

//makeVideo.setAttribute("class", "+criteria+");

document.body.append(createCategoryTitle);
document.body.append(makeVideo);
document.body.append(printButton);

}

}

}
```

```
}

function makeVideosMultiFilters(theX, theY, sizeX, sizeY,
whichArray, criteria1, criteria2)

{
    theX -= sizeX;

    //used with collegeVideos
    //used with boxingVideos
    for(let i = 0; i < whichArray.length; i++)
    {
        if(whichArray[i].tag == criteria1 &&
        whichArray[i].description == criteria2)
        {
            //filter for a MONTH, meaning, SHOW ONLY 1
month
            //if(whichArray[i].date.substring(0,2) == 3)

            //filter for Multiple MONTHS
            //if(whichArray[i].date.substring(0,2) == 8 ||
whichArray[i].date.substring(0,2) == 9)

            //filter for a DATE
```

//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018")

//filter for a Multiple DATES  
//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018" || whichArray[i].date.substring(0,10) ==  
"02/29/2020")

//filter for a DAY, of any month, of any year  
//if(whichArray[i].date.substring(3,5) == 2)

//filter for a YEAR  
//if(whichArray[i].date.substring(6,10) == 2019)

//filter for MULTIPLE YEARS  
//if(whichArray[i].date.substring(6,10) == 2019 ||  
whichArray[i].date.substring(6,10) == 2020)

//filter for MONTH and YEAR  
//if(whichArray[i].date.substring(0,2) == 2 &&  
whichArray[i].date.substring(6,10) == 2020)

//You can replace the if statement below,  
//with one of the options above.

```
if(whichArray) //shows all items
{
    theX = theX + sizeX; //columns across

    let createCategoriesTitle =
document.createElement("div");

    createCategoriesTitle.style.position="absolute";
    createCategoriesTitle.style.left= theX +'px';
    createCategoriesTitle.style.top= theY -110 + 'px';

    createCategoriesTitle.style.color="white";
    createCategoriesTitle.style.zIndex="10";
    createCategoriesTitle.style.fontFamily="exo";
    createCategoriesTitle.style.fontWeight="bold";
    createCategoriesTitle.style.fontSize="medium";

createCategoriesTitle.style.background="black";
    createCategoriesTitle.style.textAlign="center";
    createCategoriesTitle.style.width= sizeX +'px';
    createCategoriesTitle.style.border = "solid 2px
rgba(100,100,255,1.0);
```

```
createCategoriesTitle.innerHTML='<b  
style="color:yellow">\"+criteria1+" + "</b>" + " - " + '<b  
style="color:aqua">\"+criteria2+" + "</b><br>" +  
whichArray[i].title + "<br>" + "upload date " + "+  
whichArray[i].date+" + "<br>" + " + whichArray[i].url+" +  
"<br>" + '<a href=\"'+whichArray[i].url+'\"  
target="_blank">Link</a><br>';  
  
createCategoriesTitle.id = Math.floor(300000 +  
Math.random() * 9700000);  
  
let printButtonHere =  
document.createElement("div");  
  
printButtonHere.style.position="absolute";  
printButtonHere.style.left= theX + 4 +'px';  
printButtonHere.style.top= theY -25 + 'px';  
  
printButtonHere.style.color="white";  
printButtonHere.style.zIndex="10";  
  
printButtonHere.innerHTML += '<button  
onclick="printOnlyDiv(\"'+createCategoriesTitle.id+'\");"  
class="ourButton">Print</button><br>';
```

```
let makeVideoHere =  
document.createElement("iframe");  
  
makeVideoHere.src = whichArray[i].url;  
makeVideoHere.style.position="absolute";  
makeVideoHere.style.left= theX +'px';  
makeVideoHere.style.top= theY + 'px';  
makeVideoHere.style.color="aqua";  
makeVideoHere.style.zIndex="1";  
makeVideoHere.style.fontFamily="exo";  
makeVideoHere.style.fontWeight="bold";  
makeVideoHere.style.fontSize="xx-large";  
makeVideoHere.style.width= sizeX +'px';  
makeVideoHere.style.height= sizeY +'px';  
makeVideoHere.style.background="black";  
makeVideoHere.style.textAlign="center";  
makeVideoHere.style.border = "solid 2px  
rgba(100,100,255,1.0)";  
  
//makeVideo.setAttribute("class", "+criteria+");  
  
document.body.append(createCategoriesTitle);  
document.body.append(makeVideoHere);  
document.body.append(printButtonHere);
```

```
        }
    }
}

/*
 *Makes iframes in a row to add content to our level
 can be used to display Websites or Videos
 the websites must allow iframe
 the videos must allow embed
*/
function makeWebsitesOrVideos(theX, theY, sizeX, sizeY,
whichArray, criteria1)
{
    theX -= sizeX;
    //used with videoEvidence array
    for(let i = 0; i < whichArray.length; i++)
    {
        theX = theX + sizeX; //columns across

        if(whichArray[i].tag == criteria1)
        {
            //filter for a MONTH, meaning, SHOW ONLY 1
month
```

```
//if(whichArray[i].date.substring(0,2) == 3)

//filter for Multiple MONTHS

//if(whichArray[i].date.substring(0,2) == 8 ||
whichArray[i].date.substring(0,2) == 9)

//filter for a DATE

//if(whichArray[i].date.substring(0,10) ==
"02/29/2018")

//filter for a Multiple DATES

//if(whichArray[i].date.substring(0,10) ==
"02/29/2018" || whichArray[i].date.substring(0,10) ==
"02/29/2020")

//filter for a DAY, of any month, of any year

//if(whichArray[i].date.substring(3,5) == 2)

//filter for a YEAR

//if(whichArray[i].date.substring(6,10) == 2019)

//filter for MULTIPLE YEARS

//if(whichArray[i].date.substring(6,10) == 2019 ||
whichArray[i].date.substring(6,10) == 2020)
```

```
//filter for MONTH and YEAR  
//if(whichArray[i].date.substring(0,2) == 2 &&  
whichArray[i].date.substring(6,10) == 2020)  
  
//You can replace the if statement below,  
//with one of the options above.  
if(whichArray) //shows all items  
{  
    let videoCategoryTitle =  
document.createElement("div");  
    videoCategoryTitle.style.position="absolute";  
    videoCategoryTitle.style.left= theX +'px';  
    videoCategoryTitle.style.top= theY -100 + 'px';  
  
    videoCategoryTitle.style.color="white";  
    videoCategoryTitle.style.zIndex="10";  
    videoCategoryTitle.style.fontFamily="exo";  
    videoCategoryTitle.style.fontWeight="bold";  
    videoCategoryTitle.style.fontSize="medium";  
    videoCategoryTitle.style.background="black";  
    videoCategoryTitle.style.textAlign="center";  
    videoCategoryTitle.style.width= sizeX +'px';
```

```
videoCategoryTitle.style.border = "solid 2px  
rgba(100,100,255,1.0);
```

```
videoCategoryTitle.innerHTML=<b  
style="color:yellow">"+criteria1+" + "</b><br>" +  
whichArray[i].title + " " + "<br> " + "upload date " +  
"+whichArray[i].date+" + "<br>" + "+whichArray[i].url+" +  
<br>" + '<a href="'+whichArray[i].url+'"  
target="_blank">Link</a><br>;
```

```
videoCategoryTitle.id = Math.floor(200000 +  
Math.random() * 998000);
```

```
let makeFrame =  
document.createElement("iframe");  
  
makeFrame.src = whichArray[i].url;  
  
makeFrame.style.position="absolute";  
makeFrame.style.left= theX +'px';  
makeFrame.style.top= theY + 'px';  
makeFrame.style.color="white";  
makeFrame.style.zIndex="1";  
makeFrame.style.fontFamily="exo";  
makeFrame.style.fontWeight="bold";  
makeFrame.style.fontSize="xx-large";
```

```
makeFrame.style.width= sizeX +'px';
makeFrame.style.height= sizeY +'px';
makeFrame.style.border = "solid 2px
rgba(100,100,255,1.0)";

makeFrame.style.background="black";
makeFrame.style.textAlign="center";

//makeFrame.id = whichArray[i].id;

let thePrintButton =
document.createElement("div");

thePrintButton.style.position="absolute";
thePrintButton.style.left= theX + 2 +'px';
thePrintButton.style.top= theY -15 + 'px';

thePrintButton.style.color="white";
thePrintButton.style.zIndex="10";

thePrintButton.innerHTML += '<button
onclick="printOnlyDiv(\"'+videoCategoryTitle.id+'\");"'
class="ourButton">Print</button><br>';

document.body.append(videoCategoryTitle);
```

```

        document.body.append(makeFrame);
        document.body.append(thePrintButton);
    }
}

}

}

///makes a row of videos, using internet url embed
enabled videos, with a reload button, so that the video and/or
audio can be played again from the start point.////

function makeVideosOnlineStartEnd(theX, theY, sizeX,
sizeY, whichArray, criteria1, criteria2)

{
    theX -= sizeX;
    //used with videoEvidence array
    for(let i = 0; i < whichArray.length; i++)
    {
        if(whichArray[i].tag == criteria1 &&
whichArray[i].description == criteria2)
        {
            //filter for a MONTH, meaning, SHOW ONLY 1
month
            //if(whichArray[i].date.substring(0,2) == 3)

```

//filter for Multiple MONTHS  
//if(whichArray[i].date.substring(0,2) == 8 ||  
whichArray[i].date.substring(0,2) == 9)

//filter for a DATE  
//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018")

//filter for a Multiple DATES  
//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018" || whichArray[i].date.substring(0,10) ==  
"02/29/2020")

//filter for a DAY, of any month, of any year  
//if(whichArray[i].date.substring(3,5) == 2)

//filter for a YEAR  
//if(whichArray[i].date.substring(6,10) == 2019)

//filter for MULTIPLE YEARS  
//if(whichArray[i].date.substring(6,10) == 2019 ||  
whichArray[i].date.substring(6,10) == 2020)

//filter for MONTH and YEAR

```
//if(whichArray[i].date.substring(0,2) == 2 &&  
whichArray[i].date.substring(6,10) == 2020)
```

```
//You can replace the if statement below,
```

```
//with one of the options above.
```

```
if(whichArray) //shows all items
```

```
{
```

```
theX = theX + sizeX; //columns across
```

```
let createCategoriesTitle =  
document.createElement("div");
```

```
createCategoriesTitle.style.position="absolute";
```

```
createCategoriesTitle.style.left= theX +'px';
```

```
createCategoriesTitle.style.top= theY -100 + 'px';
```

```
createCategoriesTitle.style.color="white";
```

```
createCategoriesTitle.style.zIndex="10";
```

```
createCategoriesTitle.style.fontFamily="exo";
```

```
createCategoriesTitle.style.fontWeight="bold";
```

```
createCategoriesTitle.style.fontSize="medium";
```

```
createCategoriesTitle.style.background="black";
```

```
createCategoriesTitle.style.textAlign="center";
createCategoriesTitle.style.width= sizeX +'px';
createCategoriesTitle.style.border = "solid 2px
rgba(100,100,255,1.0);
```

```
createCategoriesTitle.innerHTML='<b
style="color:yellow">' + criteria1 + "</b>" + " - " + '<b
style="color:aqua">' + criteria2 + "</b><br>" +
whichArray[i].title + "<br>" + "upload date " +
"+whichArray[i].date + "<br>" + "+whichArray[i].url + "
"<br>" + '<a href=' + whichArray[i].url + '"'
target="_blank">Link</a><br>';
```

```
createCategoriesTitle.id = Math.floor(300000 +
Math.random() * 9700000);
```

```
let printButtonHere =
document.createElement("div");
printButtonHere.style.position="absolute";
printButtonHere.style.left= theX + 4 +'px';
printButtonHere.style.top= theY -45 + 'px';

printButtonHere.style.color="white";
printButtonHere.style.zIndex="10";
```

```
printButtonHere.innerHTML += '<button  
onclick="printOnlyDiv(\"'+createCategoriesTitle.id+'\");"  
class="ourButton">Print</button><br>';  
  
let makeVideoHere =  
document.createElement("iframe");  
  
makeVideoHere.id = Math.floor(350000 +  
Math.random() * 9750000);  
  
makeVideoHere.src = whichArray[i].url;  
  
makeVideoHere.style.position="absolute";  
makeVideoHere.style.left= theX +'px';  
makeVideoHere.style.top= theY + 'px';  
makeVideoHere.style.color="aqua";  
makeVideoHere.style.zIndex="1";  
makeVideoHere.style.fontFamily="exo";  
makeVideoHere.style.fontWeight="bold";  
makeVideoHere.style.fontSize="xx-large";  
makeVideoHere.style.width= sizeX +'px';  
makeVideoHere.style.height= sizeY +'px';  
makeVideoHere.style.background="black";
```

```
makeVideoHere.style.textAlign="center";
makeVideoHere.style.border = "solid 2px
rgba(100,100,255,1.0)";

let reloadVideoButton =
document.createElement("div");
reloadVideoButton.style.position="absolute";
reloadVideoButton.style.left= theX +5 +'px';
reloadVideoButton.style.top= theY -17 + 'px';
reloadVideoButton.style.zIndex="15";

reloadVideoButton.innerHTML += '<button
class="ourButton"
onclick=reloadOurVideo(\"'+makeVideoHere.id+'\")>Reload</b
utton>';

document.body.append(createCategoriesTitle);
document.body.append(makeVideoHere);
document.body.append(printButtonHere);
document.body.append(reloadVideoButton);

}
}

}

}
```

```
function reloadOurVideo(theFrameId)
{
    document.getElementById(theFrameId).src =
document.getElementById(theFrameId).src;
}
```

//The endTime is kept, for when we later add an offline option, for the possibility that a video might be taken offline, or made unable to embed, but also if the person simply prefers the offline version.

```
function makeVideosOnlineStartEndTIMECODE(theX,
theY, sizeX, sizeY, whichArray, criteria1, criteria2)
{
    theX -= sizeX;

    let startTime;
    let endTime;

    //used with bdaBoxingComments array
    for(let i = 0; i < whichArray.length; i++)
    {
        startTime =
secondsFromTimeCode(whichArray[i].startTime);
```

```
endTime =  
secondsFromTimeCode(whichArray[i].endTime);  
  
//console.log(startTime + " and " + endTime);  
  
if(whichArray[i].name == criteria1 &&  
whichArray[i].description == criteria2)  
{  
    //filter for a MONTH, meaning, SHOW ONLY 1  
month  
    //if(whichArray[i].date.substring(0,2) == 3)  
  
    //filter for Multiple MONTHS  
    //if(whichArray[i].date.substring(0,2) == 8 ||  
whichArray[i].date.substring(0,2) == 9)  
  
    //filter for a DATE  
    //if(whichArray[i].date.substring(0,10) ==  
"02/29/2018")  
  
    //filter for a Multiple DATES  
    //if(whichArray[i].date.substring(0,10) ==  
"02/29/2018" || whichArray[i].date.substring(0,10) ==  
"02/29/2020")
```

```
//filter for a DAY, of any month, of any year  
//if(whichArray[i].date.substring(3,5) == 2)  
  
//filter for a YEAR  
//if(whichArray[i].date.substring(6,10) == 2019)  
  
//filter for MULTIPLE YEARS  
//if(whichArray[i].date.substring(6,10) == 2019 ||  
whichArray[i].date.substring(6,10) == 2020)  
  
//filter for MONTH and YEAR  
//if(whichArray[i].date.substring(0,2) == 2 &&  
whichArray[i].date.substring(6,10) == 2020)  
  
//You can replace the if statement below,  
//with one of the options above.  
if(whichArray) //shows all items  
{  
    theX = theX + sizeX; //columns across  
  
    let createCategoriesTitle =  
document.createElement("div");
```

```
createCategoriesTitle.style.position="absolute";
createCategoriesTitle.style.left= theX +'px';
createCategoriesTitle.style.top= theY -145 + 'px';
createCategoriesTitle.style.color="white";
createCategoriesTitle.style.zIndex="10";
createCategoriesTitle.style.fontFamily="exo";
createCategoriesTitle.style.fontWeight="bold";
createCategoriesTitle.style.fontSize="medium";

createCategoriesTitle.style.background="black";
createCategoriesTitle.style.textAlign="center";
createCategoriesTitle.style.width= sizeX +'px';
createCategoriesTitle.style.paddingTop= 4 +'px';
createCategoriesTitle.style.paddingBottom= 4
+'px';

//createCategoriesTitle.style.height= 400 +'px';
createCategoriesTitle.style.border = "solid 2px
rgba(100,100,255,1.0)";

createCategoriesTitle.innerHTML= '<b
style="color:aqua">' + whichArray[i].title + "</b><br>" +
"upload date " + "+whichArray[i].date+" + "<br>" +'<a href=' +"
whichArray[i].url + "?start=" + startTime + "&end=" +
endTime + ' target="_blank">Link</a><br>' +
```

```
" + whichArray[i].url + "?start=" + startTime +
"&end=" + endTime + "<br>" + "+whichArray[i].startTime+" +
to "+" + whichArray[i].endTime + "<br>" + '<b
style="color:yellow">' + criteria1 + " " + criteria2 + ";
```

```
createCategoriesTitle.id = Math.floor(300000 +
Math.random() * 9700000);
```

```
let printButtonHere =
document.createElement("div");

printButtonHere.style.position="absolute";
printButtonHere.style.left= theX + 2 +'px';
printButtonHere.style.top= theY -38 + 'px';
printButtonHere.style.color="white";
printButtonHere.style.zIndex="10";
printButtonHere.innerHTML += '<button
onclick="printOnlyDiv(\'' + createCategoriesTitle.id + '\')";'
class="ourButton">Print</button><br>';
```

```
let detailsButton =
document.createElement("div");

detailsButton.style.position="absolute";
detailsButton.style.left= theX + 2 +'px';
detailsButton.style.top= theY -63 + 'px';
```

```
detailsButton.style.color="white";
detailsButton.style.zIndex="10";
detailsButton.innerHTML += '<button
onclick="boxingDetails(\"'+whichArray[i].words+'\");"'
class="ourButton">Details</button><br>';
```

```
let makeVideoHere =
document.createElement("iframe");
```

```
makeVideoHere.id = Math.floor(350000 +
Math.random() * 9750000);
```

```
makeVideoHere.src = whichArray[i].url + "?"
start=" + startTime + "&?end=" + endTime;
```

```
makeVideoHere.currentTime = whichArray[i].url
+ "?start=" + startTime + "&?end=" + endTime;
```

```
makeVideoHere.style.position="absolute";
makeVideoHere.style.left= theX +'px';
makeVideoHere.style.top= theY + 'px';
makeVideoHere.style.color="aqua";
makeVideoHere.style.zIndex="1";
makeVideoHere.style.fontFamily="exo";
```

```
makeVideoHere.style.fontWeight="bold";
makeVideoHere.style.fontSize="xx-large";
makeVideoHere.style.width= sizeX +'px';
makeVideoHere.style.height= sizeY +'px';
makeVideoHere.style.background="black";
makeVideoHere.style.textAlign="center";
makeVideoHere.style.border = "solid 2px
rgba(100,100,255,1.0);
```

```
let reloadVideoButton =
document.createElement("div");
reloadVideoButton.style.position="absolute";
reloadVideoButton.style.left= theX + 2 +'px';
reloadVideoButton.style.top= theY -13 + 'px';
reloadVideoButton.style.zIndex="15";
```

```
reloadVideoButton.innerHTML += '<button
class="ourButton"
onclick=reloadOurVideo(\"'+makeVideoHere.id+'\")>Reload</b
utton>';
```

```
document.body.append(createCategoriesTitle);
document.body.append(makeVideoHere);
document.body.append(detailsButton);
```

```
        document.body.append(printButtonHere);
        document.body.append(reloadVideoButton);
    }
}

}

//This function shows all the videos of the boxing debate
section

function
makeVideosOnlineStartEndTIMECODEShowAll(theX, theY,
sizeX, sizeY, whichArray, criteria1)
{
    theX -= sizeX;

    let startTime;
    let endTime;

    //used with bdaBoxingComments array
    for(let i = 0; i < whichArray.length; i++)
    {
        startTime =
secondsFromTimeCode(whichArray[i].startTime);
```

```
endTime =
secondsFromTimeCode(whichArray[i].endTime);

//console.log(startTime + " and " + endTime);

//if(whichArray[i].name == criteria1 &&
whichArray[i].description == criteria2)
    if(whichArray[i].tag == criteria1) //SHOW ALL
VIDEOS

{
    //filter for a MONTH, meaning, SHOW ONLY 1
month

    //if(whichArray[i].date.substring(0,2) == 3)

    //filter for Multiple MONTHS
    //if(whichArray[i].date.substring(0,2) == 8 ||
whichArray[i].date.substring(0,2) == 9)

    //filter for a DATE
    //if(whichArray[i].date.substring(0,10) ==
"02/29/2018")

    //filter for a Multiple DATES
```

```
//if(whichArray[i].date.substring(0,10) ==
"02/29/2018" || whichArray[i].date.substring(0,10) ==
"02/29/2020")  
  
//filter for a DAY, of any month, of any year  
//if(whichArray[i].date.substring(3,5) == 2)  
  
//filter for a YEAR  
//if(whichArray[i].date.substring(6,10) == 2019)  
  
//filter for MULTIPLE YEARS  
//if(whichArray[i].date.substring(6,10) == 2019 ||
whichArray[i].date.substring(6,10) == 2020)  
  
//filter for MONTH and YEAR  
//if(whichArray[i].date.substring(0,2) == 2 &&
whichArray[i].date.substring(6,10) == 2020)  
  
//You can replace the if statement below,
//with one of the options above.  
if(whichArray) //shows all items  
{  
    theX = theX + sizeX; //columns across
```

```
let makeVideoHere =  
document.createElement("iframe");  
  
makeVideoHere.id = Math.floor(350000 +  
Math.random() * 9750000);  
  
makeVideoHere.src = whichArray[i].url + "?  
start=" + startTime + "&?end=" + endTime;  
  
makeVideoHere.currentTime = whichArray[i].url  
+ "?start=" + startTime + "&?end=" + endTime;  
  
makeVideoHere.style.position="absolute";  
makeVideoHere.style.left= theX +'px';  
makeVideoHere.style.top= theY + 'px';  
makeVideoHere.style.color="aqua";  
makeVideoHere.style.zIndex="1";  
makeVideoHere.style.fontFamily="exo";  
makeVideoHere.style.fontWeight="bold";  
makeVideoHere.style.fontSize="xx-large";  
makeVideoHere.style.width= sizeX +'px';  
makeVideoHere.style.height= sizeY +'px';  
makeVideoHere.style.background="black";
```

```
makeVideoHere.style.textAlign="center";
makeVideoHere.style.border = "solid 2px
rgba(100,100,255,1.0)";

let createCategoriesTitle =
document.createElement("div");
createCategoriesTitle.style.position="absolute";
createCategoriesTitle.style.left= theX +'px';
createCategoriesTitle.style.top= theY -195 + 'px';
createCategoriesTitle.style.color="white";
createCategoriesTitle.style.zIndex="10";
createCategoriesTitle.style.fontFamily="exo";
createCategoriesTitle.style.fontWeight="bold";
createCategoriesTitle.style.fontSize="medium";

createCategoriesTitle.style.backgroundColor="black";
createCategoriesTitle.style.textAlign="center";
createCategoriesTitle.style.width= sizeX +'px';
createCategoriesTitle.style.paddingTop= 4 +'px';
createCategoriesTitle.style.paddingBottom= 4
+'px';
//createCategoriesTitle.style.height= 400 +'px';
createCategoriesTitle.style.border = "solid 2px
rgba(100,100,255,1.0);
```

```
createCategoriesTitle.id = Math.floor(300000 +
Math.random() * 9700000);
```

```
createCategoriesTitle.innerHTML= '<b
style="color:aqua">' + whichArray[i].title + "</b><br>" +
"upload date " + "+whichArray[i].date" + "<br>" +'<a href=' +
whichArray[i].url + "?start=" + startTime + "&end=" +
endTime + ' target="_blank">Link</a><br>' +
"+whichArray[i].url + "?start=" + startTime +
"&end=" + endTime + "<br>" + "+whichArray[i].startTime" +
" to " + "+whichArray[i].endTime" + "<br>" + '<button
onclick="boxingDetails(' + whichArray[i].words + ');"'
class="ourButton">Details</button>' + '<button
class="ourButton"
onclick="reloadOurVideo(" + makeVideoHere.id + ");">Reload</
button>' + '<button
onclick="printOnlyDiv(" + createCategoriesTitle.id + ');"'
class="ourButton">Print</button><br>' + '<b
style="color:aqua">' + whichArray[i].name + "<br>" + '<b
style="color:yellow">' + whichArray[i].description +';

document.body.append(createCategoriesTitle);
document.body.append(makeVideoHere);

}'
```

```
    }
}

function videoSpeed(videoid)
{
    //commented code in this section is kept for the
    purpose of designing a new feature
    //document.querySelector(".html5-video-container
    video").playbackRate = 2.0
    // videoid = "movie_player";
    //document.querySelector('video').playbackRate=0.5;

//document.getElementById(videoid).playbackRate=0.5;
    let thisVideo = document.getElementById(videoid);
    //let ourVideoHere =
document.getElementById(videoid);
    console.log(thisVideo.currentTime);
    //thisVideo.playVideo();
    //console.log(thisVideo.playbackRate);
    //ourVideoHere.playbackRate = videoSpeed;
    //ourVideoHere.currentTime = starttime;
    // ourVideoHere.play();

}
```

```
//This function will be used later.  
//Uses Seconds, instead of hh:mm:ss timecode  
function makeVideosOnlineStartSeconds(theX, theY,  
sizeX, sizeY, whichArray, criteria1, criteria2)  
{  
    theX -= sizeX;  
  
    let startTime;  
    let endTime;  
  
    //to be used with wilderVsFury1  
    for(let i = 0; i < whichArray.length; i++)  
    {  
        startTime =  
secondsFromTimeCode(whichArray[i].startTime);  
        endTime =  
secondsFromTimeCode(whichArray[i].endTime);  
  
        //console.log(startTime + " and " + endTime);  
  
        if(whichArray[i].name == criteria1 &&  
whichArray[i].description == criteria2)
```

```
{  
    //filter for a MONTH, meaning, SHOW ONLY 1  
month
```

```
//if(whichArray[i].date.substring(0,2) == 3)
```

```
//filter for Multiple MONTHS
```

```
//if(whichArray[i].date.substring(0,2) == 8 ||  
whichArray[i].date.substring(0,2) == 9)
```

```
//filter for a DATE
```

```
//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018")
```

```
//filter for a Multiple DATES
```

```
//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018" || whichArray[i].date.substring(0,10) ==  
"02/29/2020")
```

```
//filter for a DAY, of any month, of any year
```

```
//if(whichArray[i].date.substring(3,5) == 2)
```

```
//filter for a YEAR
```

```
//if(whichArray[i].date.substring(6,10) == 2019)
```

```
//filter for MULTIPLE YEARS  
//if(whichArray[i].date.substring(6,10) == 2019 ||  
whichArray[i].date.substring(6,10) == 2020)  
  
//filter for MONTH and YEAR  
//if(whichArray[i].date.substring(0,2) == 2 &&  
whichArray[i].date.substring(6,10) == 2020)  
  
//You can replace the if statement below,  
//with one of the options above.  
if(whichArray) //shows all items  
{  
    theX = theX + sizeX; //columns across  
  
    let createCategoriesTitle =  
document.createElement("div");  
    createCategoriesTitle.style.position="absolute";  
    createCategoriesTitle.style.left= theX +'px';  
    createCategoriesTitle.style.top= theY -145 + 'px';  
    createCategoriesTitle.style.color="white";  
    createCategoriesTitle.style.zIndex="10";  
    createCategoriesTitle.style.fontFamily="exo";  
    createCategoriesTitle.style.fontWeight="bold";
```

```
createCategoriesTitle.style.fontSize="medium";  
  
createCategoriesTitle.style.background="black";  
createCategoriesTitle.style.textAlign="center";  
createCategoriesTitle.style.width= sizeX +'px';  
createCategoriesTitle.style.paddingTop= 4 +'px';  
createCategoriesTitle.style.paddingBottom= 4  
+'px';  
//createCategoriesTitle.style.height= 400 +'px';  
createCategoriesTitle.style.border = "solid 2px  
rgba(100,100,255,1.0);  
  
createCategoriesTitle.innerHTML= '<b  
style="color:aqua">'+whichArray[i].title+ " </b><br>" +  
"upload date " + "+whichArray[i].date+ " <br>" +'<a href=' +  
whichArray[i].url + "?t=" + startTime + '\'  
target="_blank">Link</a><br>' +  
"+whichArray[i].url + "?t=" + startTime + "<br>"  
+ "+whichArray[i].startTime+" <br> "+startTime+"  
+ "<br> + '<b style="color:yellow">'+criteria1+" "+" "  
+criteria2+";  
  
createCategoriesTitle.id = Math.floor(300000 +  
Math.random() * 9700000);
```

```
let printButtonHere =  
document.createElement("div");  
  
printButtonHere.style.position="absolute";  
printButtonHere.style.left= theX + 2 +'px';  
printButtonHere.style.top= theY -38 + 'px';  
printButtonHere.style.color="white";  
printButtonHere.style.zIndex="10";  
  
printButtonHere.innerHTML += '<button  
onclick="printOnlyDiv(\"'+createCategoriesTitle.id+'\");"  
class="ourButton">Print</button><br>';
```

```
let detailsButton =  
document.createElement("div");  
  
detailsButton.style.position="absolute";  
detailsButton.style.left= theX + 2 +'px';  
detailsButton.style.top= theY -63 + 'px';  
detailsButton.style.color="white";  
detailsButton.style.zIndex="10";  
  
detailsButton.innerHTML += '<button  
onclick="boxingDetails(\"'+whichArray[i].words+'\");"  
class="ourButton">Details</button>';
```

```
let makeVideoHere =  
document.createElement("iframe");
```

```
makeVideoHere.id = Math.floor(350000 +
Math.random() * 9750000);

makeVideoHere.setAttribute("class", 'vidStyle');

makeVideoHere.src = whichArray[i].url + "?start=" + startTime + "&?end=" + endTime;

makeVideoHere.currentTime = whichArray[i].url
+ "?start=" + startTime + "&?end=" + endTime;

makeVideoHere.style.position="absolute";
makeVideoHere.style.left= theX +'px';
makeVideoHere.style.top= theY + 'px';
makeVideoHere.style.color="aqua";
makeVideoHere.style.zIndex="1";
makeVideoHere.style.fontFamily="exo";
makeVideoHere.style.fontWeight="bold";
makeVideoHere.style.fontSize="xx-large";
makeVideoHere.style.width= sizeX +'px';
makeVideoHere.style.height= sizeY +'px';
makeVideoHere.style.background="black";
```

```
makeVideoHere.style.textAlign="center";
makeVideoHere.style.border = "solid 2px
rgba(100,100,255,1.0)";

let reloadVideoButton =
document.createElement("div");
reloadVideoButton.style.position="absolute";
reloadVideoButton.style.left= theX + 2 +'px';
reloadVideoButton.style.top= theY -13 + 'px';
reloadVideoButton.style.zIndex="15";

reloadVideoButton.innerHTML += '<button
class="ourButton"
onclick=reloadOurVideo("'" +makeVideoHere.id+"')>Reload</b
utton><br><button
onclick=videoSpeed("'" +makeVideoHere.id+"')
class="ourButton">Speed</button>';

document.body.append(createCategoriesTitle);
document.body.append(makeVideoHere);
document.body.append(detailsButton);
document.body.append(printButtonHere);
document.body.append(reloadVideoButton);

}
```

```
        }
    }
}

//This function shows all the videos of the boxing debate
section

function
makeVideosOnlineStartEndTIMECODEShowAll(theX, theY,
sizeX, sizeY, whichArray, criteria1)
{
    theX -= sizeX;

    let startTime;
    let endTime;

    //used with bdaBoxingComments array
    for(let i = 0; i < whichArray.length; i++)
    {
        startTime =
secondsFromTimeCode(whichArray[i].startTime);
        endTime =
secondsFromTimeCode(whichArray[i].endTime);

        //console.log(startTime + " and " + endTime);
    }
}
```

```
//if(whichArray[i].name == criteria1 &&
whichArray[i].description == criteria2)
    if(whichArray[i].tag == criteria1) //SHOW ALL
VIDEOS

{
    //filter for a MONTH, meaning, SHOW ONLY 1
month
    //if(whichArray[i].date.substring(0,2) == 3)

    //filter for Multiple MONTHS
    //if(whichArray[i].date.substring(0,2) == 8 ||
whichArray[i].date.substring(0,2) == 9)

    //filter for a DATE
    //if(whichArray[i].date.substring(0,10) ==
"02/29/2018")

    //filter for a Multiple DATES
    //if(whichArray[i].date.substring(0,10) ==
"02/29/2018" || whichArray[i].date.substring(0,10) ==
"02/29/2020")

    //filter for a DAY, of any month, of any year
```

```
//if(whichArray[i].date.substring(3,5) == 2)

//filter for a YEAR

//if(whichArray[i].date.substring(6,10) == 2019)

//filter for MULTIPLE YEARS

//if(whichArray[i].date.substring(6,10) == 2019 ||
whichArray[i].date.substring(6,10) == 2020)

//filter for MONTH and YEAR

//if(whichArray[i].date.substring(0,2) == 2 &&
whichArray[i].date.substring(6,10) == 2020)

//You can replace the if statement below,
//with one of the options above.

if(whichArray) //shows all items

{
    theX = theX + sizeX; //columns across

    let makeVideoHere =
document.createElement("iframe");

    makeVideoHere.id = Math.floor(350000 +
Math.random() * 9750000);
```

```
makeVideoHere.src = whichArray[i].url + "?  
start=" + startTime + "&?end=" + endTime;  
  
makeVideoHere.currentTime = whichArray[i].url  
+ "?start=" + startTime + "&?end=" + endTime;  
  
makeVideoHere.style.position="absolute";  
makeVideoHere.style.left= theX +'px';  
makeVideoHere.style.top= theY + 'px';  
makeVideoHere.style.color="aqua";  
makeVideoHere.style.zIndex="1";  
makeVideoHere.style.fontFamily="exo";  
makeVideoHere.style.fontWeight="bold";  
makeVideoHere.style.fontSize="xx-large";  
makeVideoHere.style.width= sizeX +'px';  
makeVideoHere.style.height= sizeY +'px';  
makeVideoHere.style.background="black";  
makeVideoHere.style.textAlign="center";  
makeVideoHere.style.border = "solid 2px  
rgba(100,100,255,1.0)";
```

```
let createCategoriesTitle =  
document.createElement("div");  
  
createCategoriesTitle.style.position="absolute";  
createCategoriesTitle.style.left= theX +'px';  
createCategoriesTitle.style.top= theY -195 + 'px';  
createCategoriesTitle.style.color="white";  
createCategoriesTitle.style.zIndex="10";  
createCategoriesTitle.style.fontFamily="exo";  
createCategoriesTitle.style.fontWeight="bold";  
createCategoriesTitle.style.fontSize="medium";  
  
createCategoriesTitle.style.background="black";  
createCategoriesTitle.style.textAlign="center";  
createCategoriesTitle.style.width= sizeX +'px';  
createCategoriesTitle.style.paddingTop= 4 +'px';  
createCategoriesTitle.style.paddingBottom= 4  
+'px';  
//createCategoriesTitle.style.height= 400 +'px';  
createCategoriesTitle.style.border = "solid 2px  
rgba(100,100,255,1.0");  
  
createCategoriesTitle.id = Math.floor(300000 +  
Math.random() * 9700000);
```

```

createCategoriesTitle.innerHTML= '<b
style="color:aqua">' + whichArray[i].title + "</b><br>" +
"upload date " + "+whichArray[i].date" + "<br>" +'<a href=' + "+whichArray[i].url + "?start=" + startTime + "&end=" +
endTime + '\' target=_blank">Link</a><br>' +
"+whichArray[i].url + "?start=" + startTime +
"&end=" + endTime + "<br>" + "+whichArray[i].startTime" + "+ " +
to "+" + whichArray[i].endTime + "<br>" + '<button
onclick="boxingDetails(' + whichArray[i].words + ');"'
class="ourButton">Details</button>' + '<button
class="ourButton"
onclick="reloadOurVideo(" + makeVideoHere.id + ');">Reload</
button>' + '<button
onclick="printOnlyDiv(" + createCategoriesTitle.id + ');"'
class="ourButton">Print</button><br>' + '<b
style="color:aqua">' + whichArray[i].name + "<br>" + '<b
style="color:yellow">' + whichArray[i].description + ';

document.body.append(createCategoriesTitle);
document.body.append(makeVideoHere);

}

}

}

}

```

```
//Makes a Row of Video or Audio files, of mp3 or mp4  
format  
  
//video and/or audio files MUST BE placed in the _audio,  
_video folders,  
  
//or, alternatively, you can define url2 as an internet  
address. If you are using the folder option, define url2 as null  
in your data. That way it will use the title as the src for the file.  
  
function makeVideosUsingVideoFile(theX, theY, sizeX,  
sizeY, whichArray, criteria1, criteria2)  
{  
    theX -= sizeX;  
  
    //used with ourVideoFiles array  
    for(let i = 0; i < whichArray.length; i++)  
    {  
        if(whichArray[i].tag == criteria1 &&  
whichArray[i].description == criteria2)  
        {  
            //filter for a MONTH, meaning, SHOW ONLY 1  
month  
            //if(whichArray[i].date.substring(0,2) == 3)  
  
            //filter for Multiple MONTHS  
            //if(whichArray[i].date.substring(0,2) == 8 ||  
whichArray[i].date.substring(0,2) == 9)
```

//filter for a DATE  
//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018")

//filter for a Multiple DATES  
//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018" || whichArray[i].date.substring(0,10) ==  
"02/29/2020")

//filter for a DAY, of any month, of any year  
//if(whichArray[i].date.substring(3,5) == 2)

//filter for a YEAR  
//if(whichArray[i].date.substring(6,10) == 2019)

//filter for MULTIPLE YEARS  
//if(whichArray[i].date.substring(6,10) == 2019 ||  
whichArray[i].date.substring(6,10) == 2020)

//filter for MONTH and YEAR  
//if(whichArray[i].date.substring(0,2) == 2 &&  
whichArray[i].date.substring(6,10) == 2020)

```
//You can replace the if statement below,  
//with one of the options above.  
if(whichArray) //shows all items  
{  
    theX = theX + sizeX; //columns across  
  
    let theCategoriesTitle =  
document.createElement("div");  
  
    theCategoriesTitle.style.position="absolute";  
    theCategoriesTitle.style.left= theX +'px';  
    theCategoriesTitle.style.top= theY -150 + 'px';  
  
    theCategoriesTitle.style.color="white";  
    theCategoriesTitle.style.zIndex="10";  
    theCategoriesTitle.style.fontFamily="exo";  
    theCategoriesTitle.style.fontWeight="bold";  
    theCategoriesTitle.style.fontSize="medium";  
    theCategoriesTitle.style.background="black";  
    theCategoriesTitle.style.textAlign="center";  
    theCategoriesTitle.style.width= sizeX +'px';  
    theCategoriesTitle.style.border = "solid 2px  
rgba(100,100,255,1.0)";
```

```
theCategoriesTitle.innerHTML='<b  
style="color:yellow">\"+criteria1+" + "</b>" + " - " + '<b  
style="color:aqua">\"+criteria2+" + "</b><br>" +  
whichArray[i].title + "<br>" + "upload date " +  
"+whichArray[i].date+" + "<br>" + "+whichArray[i].url+" +  
"<br>" +'<a href=\"+whichArray[i].url+'\'  
target="_blank">Link</a><br>' + "Start Time " +  
whichArray[i].starttime + "nbsp &nbsp" + " End Time " +  
whichArray[i].endtime + "<br>";
```

```
theCategoriesTitle.id = Math.floor(300000 +  
Math.random() * 9700000);
```

```
let thePrintButtonHere =  
document.createElement("div");  
  
thePrintButtonHere.style.position="absolute";  
thePrintButtonHere.style.left= theX +'px';  
thePrintButtonHere.style.top= theY -25 + 'px';  
  
thePrintButtonHere.style.color="white";  
thePrintButtonHere.style.zIndex="10";
```

```
thePrintButtonHere.innerHTML += '<button  
onclick="printOnlyDiv(\"'+theCategoriesTitle.id+'\");"  
class="ourButton">Print</button><br>';  
  
let theVideoHere =  
document.createElement("video");  
  
//theVideoHere.setAttribute("class",  
"+criteria+");  
theVideoHere.setAttribute("controls", "");  
  
/*If url2 is the word "null",  
//then it will use the movies folder as the source  
//else, if the url2 is defined, then it will use url2  
*/  
if(whichArray[i].url2 == "null")  
{  
    if(whichArray[i].kind=="video")  
    {  
        //referencing the video folder  
        theVideoHere.src = "_video/" +  
whichArray[i].title + "." + whichArray[i].type;  
    }  
    if(whichArray[i].kind=="audio")  
    {  
        //referencing the audio folder  
        theVideoHere.src = "_audio/" +  
whichArray[i].title + "." + whichArray[i].type;  
    }  
}  
theVideoHere.load();  
theVideoHere.play();  
theVideoHere.pause();  
theVideoHere.currentTime = 0;
```

```
{  
    //referencing the audio folder  
    theVideoHere.src = "_audio/" +  
whichArray[i].title + "." + whichArray[i].type;  
}  
}  
  
else //else if url2 is defined, then use url2 as  
source  
{  
    if(whichArray[i].kind=="video")  
    {  
        //referencing the url of the video online  
        theVideoHere.src = whichArray[i].url2;  
    }  
    if(whichArray[i].kind=="audio")  
    {  
        //referencing the url of the audio online  
        theVideoHere.src = whichArray[i].url2;  
    }  
}
```

```
theVideoHere.currentTime=secondsFromTimeCode(whichArr  
ay[i].starttime);
```

```
theVideoHere.style.position="absolute";  
theVideoHere.style.left= theX +'px';  
theVideoHere.style.top= theY + 'px';  
theVideoHere.style.color="aqua";  
theVideoHere.style.zIndex="1";  
theVideoHere.style.fontFamily="exo";  
theVideoHere.style.fontWeight="bold";  
theVideoHere.style.fontSize="xx-large";  
theVideoHere.style.width= sizeX +'px';  
theVideoHere.style.height= sizeY +'px';  
theVideoHere.style.background="black";  
theVideoHere.style.textAlign="center";  
theVideoHere.style.border = "solid 2px  
rgba(100,100,255,1.0)";
```

```
theVideoHere.id = Math.floor(300000 +  
Math.random() * 9700000);
```

```
let continuePlay100 =  
document.createElement("div");
```

```
continuePlay100.style.position="absolute";
continuePlay100.style.left= theX +'px';
continuePlay100.style.top= theY +75 + 'px';
continuePlay100.style.zIndex="15";

continuePlay100.innerHTML += '<button
onclick="playVideo(\"'+theVideoHere.id+'\",' +ourVideoFiles[i].starttime+')\,' +ourVideoFiles[i].endtime+',1.0,1)'
class="ourButton">#11208;100</button><br>';

let continuePlay50 =
document.createElement("div");
continuePlay50.style.position="absolute";
continuePlay50.style.left= theX +'px';
continuePlay50.style.top= theY +100 + 'px';
continuePlay50.style.zIndex="15";

continuePlay50.innerHTML += '<button
onclick="playVideo(\"'+theVideoHere.id+'\",' +ourVideoFiles[i].starttime+')\,' +ourVideoFiles[i].endtime+',0.5,1)'
class="ourButton">#11208;50</button><br>';

let continuePlay25 =
document.createElement("div");
```

```
continuePlay25.style.position="absolute";
continuePlay25.style.left= theX +'px';
continuePlay25.style.top= theY +125 + 'px';
continuePlay25.style.zIndex="15";

continuePlay25.innerHTML += '<button
onclick="playVideo(\"'+theVideoHere.id+'\",' +ourVideoFiles[i].starttime+')\,' +ourVideoFiles[i].endtime+',0.25,1"
class="ourButton">&#1208;25</button><br>';

let continuePlay10 =
document.createElement("div");
continuePlay10.style.position="absolute";
continuePlay10.style.left= theX +'px';
continuePlay10.style.top= theY +150 + 'px';
continuePlay10.style.zIndex="15";

continuePlay10.innerHTML += '<button
onclick="playVideo(\"'+theVideoHere.id+'\",' +ourVideoFiles[i].starttime+')\,' +ourVideoFiles[i].endtime+',0.10,1"
class="ourButton">&#1208;10</button><br>';

let playButton100 =
document.createElement("div");
```

```
playButton100.style.position="absolute";
playButton100.style.left= theX +'px';
playButton100.style.top= theY +200 + 'px';
playButton100.style.zIndex="15";

playButton100.innerHTML += '<button
onclick="playVideo(\"'+theVideoHere.id+'\",' +ourVideoFiles[i].starttime+',
'+ourVideoFiles[i].endtime+',1.0, 0)"
class="ourButton">#9684;100</button><br>';

let playButton50 =
document.createElement("div");
playButton50.style.position="absolute";
playButton50.style.left= theX +'px';
playButton50.style.top= theY +225 + 'px';

playButton50.style.zIndex="15";

playButton50.innerHTML += '<button
onclick="playVideo(\"'+theVideoHere.id+'\",' +ourVideoFiles[i].starttime+',
'+ourVideoFiles[i].endtime+',0.5, 0)"
class="ourButton">#9684;50</button><br>';
```

```
let playButton25 =  
document.createElement("div");  
  
playButton25.style.position="absolute";  
playButton25.style.left= theX +'px';  
playButton25.style.top= theY +250 + 'px';  
playButton25.style.zIndex="15";  
  
playButton25.innerHTML += '<button  
onclick="playVideo(\"'+theVideoHere.id+'\",'+'\"'+ourVideoFiles[i].  
starttime+'\",'+'\"'+ourVideoFiles[i].endtime+'\','+0.25, 0)"  
class="ourButton">#9684;25</button><br>';
```

```
let playButton10 =  
document.createElement("div");  
  
playButton10.style.position="absolute";  
playButton10.style.left= theX +'px';  
playButton10.style.top= theY +275 + 'px';  
  
playButton10.style.zIndex="15";
```

```
playButton10.innerHTML += '<button  
onclick="playVideo(\"'+theVideoHere.id+'\",'+'\"'+ourVideoFiles[i].  
starttime+'\",'+'\"'+ourVideoFiles[i].endtime+'\','+0.10, 0)"  
class="ourButton">#9684;10</button><br>';
```

```
document.body.append(theCategoriesTitle);
document.body.append(theVideoHere);
document.body.append(thePrintButtonHere);
document.body.append(continuePlay100);
document.body.append(continuePlay50);
document.body.append(continuePlay25);
document.body.append(continuePlay10);
document.body.append(playButton100);
document.body.append(playButton50);
document.body.append(playButton25);
document.body.append(playButton10);

    }

}

}

function secondsFromTimeCode(fullTimeCode)
{
    if(!fullTimeCode) fullTimeCode = '00:00:00';
    let theStringSeconds = fullTimeCode;
    let splitValue = theStringSeconds.split(":");
```

```
let secondsOnly = parseInt(splitValue[2]);
let secondsFromMinutes = parseInt(splitValue[1]) *
60;
let secondsFromHours = parseInt(splitValue[0]) *
3600;

let calculatedSeconds = secondsFromHours +
secondsFromMinutes + secondsOnly;
//now seconds variable is an array, 1:2:3

return calculatedSeconds;
}

let endTimeEntered;
let ourVideoHere;

function playVideo(elementid, starttime, endtime,
videoSpeed, continueOption)
{
    starttime = secondsFromTimeCode(starttime);
    endtime = secondsFromTimeCode(endtime);
```

```
ourVideoHere = document.getElementById(elementId);

ourVideoHere.playbackRate = videoSpeed;

ourVideoHere.addEventListener("timeupdate", pauseVideo);

if(continueOption == 1)
{
    ourVideoHere.removeEventListener("timeupdate", pauseVideo);
}

ourVideoHere.currentTime = starttime;
ourVideoHere.play();
endTimeEntered = endtime;
}

function pauseVideo()
{
    if (ourVideoHere.currentTime >= endTimeEntered)
    {
        ourVideoHere.pause();
    }
}
```

```
    }
}

/*Makes divs in a row - custom for news Data*/
function newsRow(theX, theY, sizeX, sizeY, whichArray,
criteria1)
{
    theX -= sizeX;
    //used with theNews array

    let idForPosition = document.createElement("div");
    idForPosition.style.position="absolute";
    idForPosition.style.left= theX +'px';
    idForPosition.style.top= theY -22 + 'px';
    idForPosition.id = "newsId";
    document.body.append(idForPosition);

    for(let i = 0; i < whichArray.length; i++)
    {
        theX = theX + sizeX; //columns across

        if(whichArray[i].tag == criteria1)
        {

```

**//filter for a MONTH, meaning, SHOW ONLY 1 month**

**//if(whichArray[i].date.substring(0,2) == 3)**

**//filter for Multiple MONTHS**

**//if(whichArray[i].date.substring(0,2) == 8 || whichArray[i].date.substring(0,2) == 9)**

**//filter for a DATE**

**//if(whichArray[i].date.substring(0,10) == "02/29/2018")**

**//filter for a Multiple DATES**

**//if(whichArray[i].date.substring(0,10) == "02/29/2018" || whichArray[i].date.substring(0,10) == "02/29/2020")**

**//filter for a DAY, of any month, of any year**

**//if(whichArray[i].date.substring(3,5) == 2)**

**//filter for a YEAR**

**//if(whichArray[i].date.substring(6,10) == 2019)**

**//filter for MULTIPLE YEARS**

```
//if(whichArray[i].date.substring(6,10) == 2019 ||  
whichArray[i].date.substring(6,10) == 2020)
```

```
//filter for MONTH and YEAR  
//if(whichArray[i].date.substring(0,2) == 2 &&  
whichArray[i].date.substring(6,10) == 2020)
```

```
//You can replace the if statement below,  
//with one of the options above.
```

```
if(whichArray) //shows all items
```

```
{
```

```
let newsTitle = document.createElement("div");  
newsTitle.style.position="absolute";  
newsTitle.style.left= theX +'px';  
newsTitle.style.top= theY -22 + 'px';  
  
newsTitle.style.color="white";  
newsTitle.style.zIndex="10";  
newsTitle.style.fontFamily="exo";  
newsTitle.style.fontWeight="bold";  
newsTitle.style.fontSize="medium";  
newsTitle.style.background="black";  
newsTitle.style.textAlign="center";
```

```
newsTitle.style.border = "solid 2px  
rgba(100,100,255,1.0");  
  
newsTitle.style.width= sizeX +'px';  
newsTitle.innerHTML="NEWS";  
  
  
let newsSpace =  
document.createElement("div");  
  
newsSpace.style.position="absolute";  
newsSpace.style.left= theX +'px';  
newsSpace.style.top= theY + 'px';  
newsSpace.style.color="white";  
newsSpace.style.zIndex="100";  
  
newsSpace.style.border = "solid 2px  
rgba(100,100,255,1.0");  
  
newsSpace.style.fontFamily="exo";  
newsSpace.style.fontWeight="bold";  
newsSpace.style.fontSize="normal";  
newsSpace.style.width= sizeX +'px';  
newsSpace.style.height= sizeY +'px';  
//newsSpace.style.background="white";  
newsSpace.style.textAlign="center";
```

```
newsSpace.setAttribute("class",
"divBackground");

//newsSpace.id = whichArray[i].id;
newsSpace.id = Math.floor(352000 +
Math.random() * 9740000);

newsSpace.innerHTML += '<button
onclick="printOnlyDiv(\"'+newsSpace.id+'\");"'
class="ourButton">Print</button><br>';

newsSpace.innerHTML +=
whichArray[i].headline + "<br>";

newsSpace.innerHTML+= whichArray[i].date +
"<br>";

newsSpace.innerHTML+="
```

```
    }
}

function evidenceRow(theX, theY, sizeX, sizeY,
whichArray, criteria1)
{
    theX -= sizeX;

    //This code below allows us to create an id to be used
for location data by our menu.

    let idForPosition = document.createElement("div");
    idForPosition.style.position="absolute";
    idForPosition.style.left= theX +'px';
    idForPosition.style.top= theY -22 + 'px';
    idForPosition.id = "evidenceld";
    document.body.append(idForPosition);

    //used with evidence array
    for(let i = 0; i < whichArray.length; i++)
    {
        theX = theX + sizeX; //columns across

        if(whichArray[i].tag == criteria1)
```

```
{  
    //filter for a MONTH, meaning, SHOW ONLY 1  
month
```

```
//if(whichArray[i].date.substring(0,2) == 3)
```

```
//filter for Multiple MONTHS
```

```
//if(whichArray[i].date.substring(0,2) == 8 ||  
whichArray[i].date.substring(0,2) == 9)
```

```
//filter for a DATE
```

```
//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018")
```

```
//filter for a Multiple DATES
```

```
//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018" || whichArray[i].date.substring(0,10) ==  
"02/29/2020")
```

```
//filter for a DAY, of any month, of any year
```

```
//if(whichArray[i].date.substring(3,5) == 2)
```

```
//filter for a YEAR
```

```
//if(whichArray[i].date.substring(6,10) == 2019)
```

```
//filter for MULTIPLE YEARS  
//if(whichArray[i].date.substring(6,10) == 2019 ||  
whichArray[i].date.substring(6,10) == 2020)
```

```
//filter for MONTH and YEAR  
//if(whichArray[i].date.substring(0,2) == 2 &&  
whichArray[i].date.substring(6,10) == 2020)
```

```
//You can replace the if statement below,  
//with one of the options above.  
if(whichArray) //shows all items
```

```
{  
    let evidenceTitle =  
document.createElement("div");  
    evidenceTitle.style.position="absolute";  
    evidenceTitle.style.left= theX +'px';  
    evidenceTitle.style.top= theY -22 + 'px';  
  
    evidenceTitle.style.color="white";  
    evidenceTitle.style.zIndex="10";  
    evidenceTitle.style.fontFamily="exo";  
    evidenceTitle.style.fontWeight="bold";  
    evidenceTitle.style.fontSize="medium";
```

```
evidenceTitle.style.background="black";
evidenceTitle.style.border = "solid 2px
rgba(100,100,255,1.0)";
//evidenceTitle.style.padding="0px 5px 0px
5px";

evidenceTitle.style.paddingLeft="20px";
evidenceTitle.style.paddingRight="20px";

evidenceTitle.style.textAlign="center";
evidenceTitle.style.width= sizeX +'px';
evidenceTitle.innerHTML="EvidenceRow";

let evidenceRow =
document.createElement("p");
evidenceRow.style.position="absolute";
evidenceRow.style.left= theX + 'px';
evidenceRow.style.top= theY +'px';
evidenceRow.style.color="white";
evidenceRow.style.zIndex="1";
evidenceRow.style.border = "solid 2px
rgba(100,100,255,1.0)";
evidenceRow.style.fontFamily="exo";
```

```
evidenceRow.style.fontWeight="normal";  
evidenceRow.style.fontSize="medium";  
  
//evidenceRow.style.padding="0px 5px 0px  
5px";  
evidenceRow.style.paddingLeft="20px";  
evidenceRow.style.paddingRight="20px";  
  
//evidenceRow.style.background="white";  
evidenceRow.style.textAlign="center";  
evidenceRow.style.width= sizeX +'px';  
evidenceRow.style.height= sizeY +'px';  
  
evidenceRow.setAttribute("class",  
"divBackground");  
  
//evidenceRow.id = whichArray[i].id;  
evidenceRow.id = Math.floor(356000 +  
Math.random() * 9760000);  
  
evidenceRow.innerHTML += '<button  
onclick="printOnlyDiv(\"'+evidenceRow.id+'\");"  
class="ourButton">Print</button><br>';
```

```
evidenceRow.innerHTML += whichArray[i].title +
"<br>";

evidenceRow.innerHTML += whichArray[i].date
+ "<br>";

evidenceRow.innerHTML += whichArray[i].info +
"<br>";

evidenceRow.innerHTML += '<a
href=' + whichArray[i].url + ' target="_blank">Link</a>';

document.body.append(evidenceRow);
document.body.append(evidenceTitle);

}

}

}

}

function evidenceWithImageRow(theX, theY, sizeX, sizeY,
whichArray, criteria1, theHeading)
{
theX -= sizeX;
```

//This code below allows us to create an id to be used for location data by our menu.

```
let idForPosition = document.createElement("div");
idForPosition.style.position="absolute";
idForPosition.style.left= theX +'px';
idForPosition.style.top= theY -22 + 'px';
idForPosition.id = "evidenceWithImgId";
document.body.append(idForPosition);
```

//used with evidence Array

```
for(let i = 0; i < whichArray.length; i++)
```

```
{
```

```
theX = theX + sizeX; //columns across
```

```
if(whichArray[i].tag == criteria1)
```

```
{
```

```
//filter for a MONTH, meaning, SHOW ONLY 1  
month
```

```
//if(whichArray[i].date.substring(0,2) == 3)
```

```
//filter for Multiple MONTHS
```

```
//if(whichArray[i].date.substring(0,2) == 8 ||  
whichArray[i].date.substring(0,2) == 9)
```

//filter for a DATE  
//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018")

//filter for a Multiple DATES  
//if(whichArray[i].date.substring(0,10) ==  
"02/29/2018" || whichArray[i].date.substring(0,10) ==  
"02/29/2020")

//filter for a DAY, of any month, of any year  
//if(whichArray[i].date.substring(3,5) == 2)

//filter for a YEAR  
//if(whichArray[i].date.substring(6,10) == 2019)

//filter for MULTIPLE YEARS  
//if(whichArray[i].date.substring(6,10) == 2019 ||  
whichArray[i].date.substring(6,10) == 2020)

//filter for MONTH and YEAR  
//if(whichArray[i].date.substring(0,2) == 2 &&  
whichArray[i].date.substring(6,10) == 2020)

```
//You can replace the if statement below,  
//with one of the options above.  
if(whichArray) //shows all items  
{  
    let theTitle = document.createElement("div");  
    theTitle.style.position="absolute";  
    theTitle.style.left= theX +'px';  
    theTitle.style.top= theY -22 + 'px';  
  
    theTitle.style.color="white";  
    theTitle.style.zIndex="10";  
    theTitle.style.fontFamily="exo";  
    theTitle.style.fontWeight="bold";  
    theTitle.style.fontSize="medium";  
    theTitle.style.background="black";  
    theTitle.style.textAlign="center";  
    theTitle.style.padding="0px 20px 0px 20px";  
        //top //right //bottom //left  
    theTitle.style.border = "solid 2px  
rgba(100,100,255,1.0)";  
    theTitle.style.width= sizeX +'px';  
    theTitle.innerHTML= theHeading;  
//evidenceWithImageRow
```

```
let theDiv = document.createElement("div");

//theDiv.id = whichArray[i].id;
theDiv.id = Math.floor(357000 + Math.random() *
9770000);

theDiv.innerHTML += '<button
onclick="printOnlyDiv(\"'+theDiv.id+'\");"'
class="ourButton">print</button><br>';

theDiv.style.position="absolute";
theDiv.style.left= theX +'px';
theDiv.style.top= theY +'px';
theDiv.style.color="white";
theDiv.style.zIndex="1";
theDiv.style.padding="0px 20px 0px 20px";
//top //right //bottom //left
theDiv.style.border = "solid 2px
rgba(100,100,255,1.0)";

theDiv.style.fontFamily="exo";
theDiv.style.fontWeight="normal";
theDiv.style.fontSize="medium";
```

```
theDiv.style.width= sizeX +'px';
theDiv.style.height= sizeY + 'px';
//theDiv.style.background="white";
theDiv.style.textAlign="center";

//theDiv.setAttribute("class",
"evidenceWithImage");
theDiv.setAttribute("class", "divBackground");

//theDiv.style.whiteSpace="pre-wrap";
//theDiv.style.wordWrap="break-word";

theDiv.innerHTML += whichArray[i].title +
"<br>";

theDiv.innerHTML += whichArray[i].date +
"<br>";

theDiv.innerHTML += whichArray[i].info +
"<br>";

theDiv.innerHTML+='a
href="'+whichArray[i].url+' target="_blank"&gt;Link&lt;/a&gt;&lt;br&gt;';</pre
```

```
theDiv.innerHTML += '<img  
src= \"'+whichArray[i].image+'\\" class="thelimage">';  
  
document.body.append(theDiv);  
document.body.append(theTitle);  
}  
}  
}  
}  
  
function scienceImagesAndLink(theX, theY, sizeX, sizeY,  
whichArray, criteria1, criteria2)  
{  
theX -= sizeX;  
  
//This code below allows us to create an id to be used  
for location data by our menu.  
let idForPosition = document.createElement("div");  
idForPosition.style.position="absolute";  
idForPosition.style.left= theX +'px';  
idForPosition.style.top= theY -22 + 'px';  
idForPosition.id = "scienceld";  
document.body.append(idForPosition);
```

```
//used with evidence Array  
for(let i = 0; i < whichArray.length; i++)  
{  
    theX = theX + sizeX; //columns across  
  
    if(whichArray[i].tag == criteria1 &&  
whichArray[i].description == criteria2)  
    {  
        //filter for a MONTH, meaning, SHOW ONLY 1  
month  
        //if(whichArray[i].date.substring(0,2) == 3)  
  
        //filter for Multiple MONTHS  
        //if(whichArray[i].date.substring(0,2) == 8 ||  
whichArray[i].date.substring(0,2) == 9)  
  
        //filter for a DATE  
        //if(whichArray[i].date.substring(0,10) ==  
"02/29/2018")  
  
        //filter for a Multiple DATES
```

```
//if(whichArray[i].date.substring(0,10) ==
"02/29/2018" || whichArray[i].date.substring(0,10) ==
"02/29/2020")
```

```
//filter for a DAY, of any month, of any year
//if(whichArray[i].date.substring(3,5) == 2)
```

```
//filter for a YEAR
```

```
//if(whichArray[i].date.substring(6,10) == 2019)
```

```
//filter for MULTIPLE YEARS
```

```
//if(whichArray[i].date.substring(6,10) == 2019 ||
whichArray[i].date.substring(6,10) == 2020)
```

```
//filter for MONTH and YEAR
```

```
//if(whichArray[i].date.substring(0,2) == 2 &&
whichArray[i].date.substring(6,10) == 2020)
```

```
//You can replace the if statement below,
```

```
//with one of the options above.
```

```
if(whichArray) //shows all items
```

```
{
```

```
let theTitle = document.createElement("div");
```

```
theTitle.style.position="absolute";
theTitle.style.left= theX +'px';
theTitle.style.top= theY -22 + 'px';

theTitle.style.color="white";
theTitle.style.zIndex="10";
theTitle.style.fontFamily="exo";
theTitle.style.fontWeight="bold";
theTitle.style.fontSize="medium";
theTitle.style.background="black";
theTitle.style.textAlign="center";
theTitle.style.padding="0px 20px 0px 20px";
//top //right //bottom //left
theTitle.style.border = "solid 2px
rgba(100,100,255,1.0)";
theTitle.style.width= sizeX +'px';
theTitle.innerHTML="Science Row with Image
and Link";
let theDiv = document.createElement("div");
//theDiv.id = whichArray[i].id;
```

```
theDiv.id = Math.floor(357000 + Math.random() *  
9770000);
```

```
theDiv.innerHTML += '<button  
onclick="printOnlyDiv(\"'+theDiv.id+'\");"  
class="ourButton">Print</button><br>';
```

```
theDiv.style.position="absolute";  
theDiv.style.left= theX +'px';  
theDiv.style.top= theY +'px';  
theDiv.style.color="black";  
theDiv.style.zIndex="1";  
theDiv.style.padding="0px 20px 0px 20px";  
                  //top //right //bottom //left  
theDiv.style.border = "solid 2px  
rgba(100,100,255,1.0)";  
theDiv.style.fontFamily="exo";  
theDiv.style.fontWeight="normal";  
theDiv.style.fontSize="medium";  
theDiv.style.width= sizeX +'px';  
theDiv.style.height= sizeY + 'px';  
theDiv.style.background="white";  
theDiv.style.textAlign="center";
```

```
theDiv.setAttribute("class",
"evidenceWithImage");

//theDiv.style.whiteSpace="pre-wrap";
//theDiv.style.wordWrap="break-word";

theDiv.innerHTML += whichArray[i].title +
"<br>";

theDiv.innerHTML += whichArray[i].date +
"<br>";

theDiv.innerHTML += whichArray[i].info +
"<br>";

theDiv.innerHTML+='details&gt;&lt;a
href="'+whichArray[i].url+''
target="_blank"&gt;'+whichArray[i].url+' &lt;/a&gt;&lt;/details&gt;&lt;br&gt;';

theDiv.innerHTML += '&lt;img
src= "'+whichArray[i].image+'' class="theScienceImages"&gt;';

document.body.append(theDiv);
document.body.append(theTitle);</pre
```

```
    }
}
}
}
```

```
function socialMediaEvidenceRow(theX, theY, sizeX,  
sizeY, whichArray, criteria1)
```

```
{
```

```
theX -= sizeX;
```

```
//This code below allows us to create an id to be used  
for location data by our menu.
```

```
let idForPosition = document.createElement("div");  
idForPosition.style.position="absolute";  
idForPosition.style.left= theX +'px';  
idForPosition.style.top= theY -22 + 'px';  
idForPosition.id = "socialMediald";  
document.body.append(idForPosition);
```

```
//used with socialMediaEvidence Array
```

```
for(let i = 0; i < whichArray.length; i++)
```

```
{
```

```
//alert(whichArray[i].date.substring(6,10));
```

```
if(whichArray[i].tag == criteria1)
{
    //filter for a MONTH, meaning, SHOW ONLY 1
month

    //if(whichArray[i].date.substring(0,2) == 3)

    //filter for Multiple MONTHS
    //if(whichArray[i].date.substring(0,2) == 8 ||
whichArray[i].date.substring(0,2) == 9)

    //filter for a DATE
    //if(whichArray[i].date.substring(0,10) ==
"02/29/2018")

    //filter for a Multiple DATES
    //if(whichArray[i].date.substring(0,10) ==
"02/29/2018" || whichArray[i].date.substring(0,10) ==
"02/29/2020")

    //filter for a DAY, of any month, of any year
    //if(whichArray[i].date.substring(3,5) == 2)

    //filter for a YEAR
    if(whichArray[i].date.substring(6,10) == 2020)
```

```
//filter for MULTIPLE YEARS  
//if(whichArray[i].date.substring(6,10) == 2019 ||  
whichArray[i].date.substring(6,10) == 2020)
```

```
//filter for MONTH and YEAR  
//if(whichArray[i].date.substring(0,2) == 2 &&  
whichArray[i].date.substring(6,10) == 2020)
```

```
//You can replace the if statement below,  
//with one of the options above.  
//if(whichArray) //shows all items  
{  
    if(whichArray[i].probability >= 50)  
    {  
        theX = theX + sizeX; //columns across  
  
        let divTitle = document.createElement("div");  
        divTitle.style.position="absolute";  
        divTitle.style.left= theX +'px';  
        divTitle.style.top= theY -22 + 'px';  
  
        divTitle.style.color="white";
```

```
divTitle.style.zIndex="10";
divTitle.style.fontFamily="exo";
divTitle.style.fontWeight="bold";
divTitle.style.fontSize="medium";
divTitle.style.background="black";
divTitle.style.textAlign="center";
//divTitle.style.padding="0px 5px 0px 5px";
divTitle.style.border = "solid 2px
rgba(100,100,255,1.0)";

divTitle.style.width= sizeX +'px';

```

```
let divHere = document.createElement("div");

//theDiv.id = whichArray[i].id;
divHere.id = Math.floor(357000 +
Math.random() * 9770000);

divHere.innerHTML += '<button
onclick="printOnlyDiv(\"'+divHere.id+'\");"'
class="ourButton">Print</button><br>';
```

```
divHere.style.position="absolute";
```

```
divHere.style.left= theX +'px';
divHere.style.top= theY +'px';
divHere.style.color="white";
divHere.style.zIndex="1";
//divHere.style.padding="0px 5px 0px 5px";
divHere.style.border = "solid 2px
rgba(100,100,255,1.0)";

divHere.style.fontFamily="exo";
divHere.style.fontWeight="normal";
divHere.style.fontSize="medium";
divHere.style.width= sizeX +'px';
divHere.style.height= sizeY + 'px';
//divHere.style.background="white";
divHere.style.textAlign="center";



divHere.setAttribute("class",
"divBackground");

//you can also set the class of the div,
//to style it easier in the css section
//divHere.setAttribute("class",
"socialMediaEvidence");
```

```
        divHere.innerHTML += whichArray[i].title +
    "<br>";

        divHere.innerHTML += whichArray[i].date +
    "<br>";

        divHere.innerHTML += whichArray[i].info +
    "<br>";

        divHere.innerHTML += "Probability Rating: " +
whichArray[i].probability + "%" + "<br>";

        divHere.innerHTML += '<a
href=' + whichArray[i].url + ' target="_blank">Link</a><br>';

        divHere.innerHTML += '<img
src= ' + whichArray[i].image + ' class="thelimage">';

        document.body.append(divHere);
        document.body.append(divTitle);

    }

}

}

}
```

```
}

function detailsRow(theX, theY, sizeX, sizeY, whichArray,
criteria1)
{
    theX -= sizeX;

    //This code below allows us to create an id to be used
    for location data by our menu.

    let idForPosition = document.createElement("div");
    idForPosition.style.position="absolute";
    idForPosition.style.left= theX +'px';
    idForPosition.style.top= theY -22 + 'px';
    idForPosition.id = "detailsId";
    document.body.append(idForPosition);

    //used with socialMediaEvidence Array
    for(let i = 0; i < whichArray.length; i++)
    {
        if(whichArray[i].tag == criteria1)
        {
            //filter for a MONTH, meaning, SHOW ONLY 1
month
```

```
//if(whichArray[i].date.substring(0,2) == 3)

//filter for Multiple MONTHS

//if(whichArray[i].date.substring(0,2) == 8 ||
whichArray[i].date.substring(0,2) == 9)

//filter for a DATE

//if(whichArray[i].date.substring(0,10) ==
"02/29/2018")

//filter for a Multiple DATES

//if(whichArray[i].date.substring(0,10) ==
"02/29/2018" || whichArray[i].date.substring(0,10) ==
"02/29/2020")

//filter for a DAY, of any month, of any year

//if(whichArray[i].date.substring(3,5) == 2)

//filter for a YEAR

//if(whichArray[i].date.substring(6,10) == 2019)

//filter for MULTIPLE YEARS

//if(whichArray[i].date.substring(6,10) == 2019 ||
whichArray[i].date.substring(6,10) == 2020)
```

```
//filter for MONTH and YEAR  
//if(whichArray[i].date.substring(0,2) == 2 &&  
whichArray[i].date.substring(6,10) == 2020)
```

```
//You can replace the if statement below,  
//with one of the options above.
```

```
if(whichArray) //shows all items
```

```
{
```

```
if(whichArray[i].probability >= 50)
```

```
{
```

```
theX = theX + sizeX; //columns across
```

```
let divTitle = document.createElement("div");
```

```
divTitle.style.position="absolute";
```

```
divTitle.style.left= theX +'px';
```

```
divTitle.style.top= theY -55 + 'px';
```

```
divTitle.style.color="white";
```

```
divTitle.style.zIndex="10";
```

```
divTitle.style.fontFamily="exo";
```

```
divTitle.style.fontWeight="bold";
```

```
divTitle.style.fontSize="medium";
```

```
divTitle.style.background="black";
divTitle.style.textAlign="center";
//divTitle.style.padding="0px 5px 0px 5px";
divTitle.style.border = "solid 2px
rgba(100,100,255,1.0)";

divTitle.style.width= sizeX +'px';
divTitle.innerHTML="Content Sensitive -
Open at Your Discretion" + "<b style='color:aqua'><br>" +
whichArray[i].title + "<br>";

let divHere =
document.createElement("details");

//theDiv.id = whichArray[i].id;
divHere.id = Math.floor(357000 +
Math.random() * 9770000);

divHere.innerHTML += '<button
onclick="printOnlyDiv(\"'+divHere.id+'\");"'
class="ourButton">Print</button><br>';

divHere.style.position="absolute";
divHere.style.left= theX +'px';
divHere.style.top= theY +'px';
```

```
divHere.style.color="white";
divHere.style.zIndex="1";
//divHere.style.padding="0px 5px 0px 5px";
divHere.style.border = "solid 2px
rgba(100,100,255,1.0)";

divHere.style.fontFamily="exo";
divHere.style.fontWeight="bold";
divHere.style.fontSize="large";
divHere.style.width= sizeX +'px';
divHere.style.height= sizeY + 'px';

//divHere.style.background="rgb(200,200,200)";
divHere.style.textAlign="center";

//you can also set the class of the div,
//to style it easier in the css section
divHere.setAttribute("class",
"divBackgrounde");

divHere.innerHTML += whichArray[i].title +
"<br>";

divHere.innerHTML += whichArray[i].date +
"<br>";
```

```
        divHere.innerHTML += whichArray[i].info +
    "<br>";

        divHere.innerHTML += "Probability Rating: " +
whichArray[i].probability + "%" + "<br>";

        divHere.innerHTML+='<a
href="'+whichArray[i].url+' target="_blank">Link</a><br>';

        divHere.innerHTML += '<img
src= "'+whichArray[i].image+' class="theImage">';

        document.body.append(divTitle);
        document.body.append(divHere);

    }

}

}

}

}

function collegeBooksRow(theX, theY, sizeX, sizeY,
whichArray)
{

```

```
theX -= sizeX;
```

```
//This code below allows us to create an id to be used  
for location data by our menu.
```

```
let idForPosition = document.createElement("div");  
idForPosition.style.position="absolute";  
idForPosition.style.left= theX +'px';  
idForPosition.style.top= theY -22 + 'px';  
idForPosition.id = "collegeBooksId";  
document.body.append(idForPosition);
```

```
//used with collegeBooks Array  
for(let i = 0; i < whichArray.length; i++)  
{  
    theX = theX + sizeX; //columns across
```

```
    let ourTitle = document.createElement("div");  
    ourTitle.style.position="absolute";  
    ourTitle.style.left= theX +'px';  
    ourTitle.style.top= theY -28 + 'px';
```

```
    ourTitle.style.color="white";  
    ourTitle.style.zIndex="10";
```

```
ourTitle.style.fontFamily="exo";
ourTitle.style.fontWeight="bold";
ourTitle.style.fontSize="medium";
ourTitle.style.background="black";
ourTitle.style.textAlign="center";
ourTitle.style.border = "solid 2px
rgba(100,100,255,1.0)";
ourTitle.style.width= sizeX +'px';
ourTitle.innerHTML="College Books";

let ourDiv = document.createElement("p");

//theDiv.id = whichArray[i].id;
ourDiv.id = Math.floor(457000 + Math.random() *
9870000);

ourDiv.innerHTML += '<button
onclick="printOnlyDiv(\"'+ourDiv.id+'\");"
class="ourButton">Print</button><br>';

ourDiv.style.position="absolute";
ourDiv.style.left= theX +'px';
ourDiv.style.top= theY +'px';
```

```
ourDiv.style.color="black";
ourDiv.style.zIndex="1";
ourDiv.style.border = "solid 2px
rgba(100,100,255,1.0)";

ourDiv.style.fontFamily="exo";
ourDiv.style.fontWeight="normal";
ourDiv.style.fontSize="medium";
ourDiv.style.width= sizeX +'px';
ourDiv.style.height= sizeY + 'px';
//ourDiv.style.background="white";
ourDiv.style.textAlign="center";

ourDiv.setAttribute("class", "divBackground");
//"+criteria+"

ourDiv.innerHTML += whichArray[i].name + "<br>";

ourDiv.innerHTML+="Link</a><br>";

ourDiv.innerHTML += '<img
src= '+whichArray\[i\].image+' class="theImage">';
```

```
document.body.append(ourDiv);
document.body.append(ourTitle);

}

}

function collegeLinksRow(theX, theY, sizeX, sizeY,
whichArray)
{
    theX -= sizeX;

    //This code below allows us to create an id to be used
    for location data by our menu.

    let idForPosition = document.createElement("div");
    idForPosition.style.position="absolute";
    idForPosition.style.left= theX +'px';
    idForPosition.style.top= theY -22 + 'px';
    idForPosition.id = "collegeLinksId";
    document.body.append(idForPosition);

    //used with collegeLinks Array
    for(let i = 0; i < whichArray.length; i++)
    {
        theX = theX + sizeX; //columns across
```

```
let thisTitle = document.createElement("div");
thisTitle.style.position="absolute";
thisTitle.style.left= theX +'px';
thisTitle.style.top= theY -28 + 'px';

thisTitle.style.color="white";
thisTitle.style.zIndex="10";
thisTitle.style.fontFamily="exo";
thisTitle.style.fontWeight="bold";
thisTitle.style.fontSize="medium";
thisTitle.style.background="black";
thisTitle.style.textAlign="center";
thisTitle.style.border = "solid 2px
rgba(100,100,255,1.0)";

thisTitle.style.width= sizeX +'px';
thisTitle.innerHTML="College Links";

let thisDiv = document.createElement("p");

//theDiv.id = whichArray[i].id;
thisDiv.id = Math.floor(456000 + Math.random() *
9770000);
```

```
//Print Feature  
  
//thisDiv.innerHTML += '<button  
onclick="printOnlyDiv(\"'+thisDiv.id+'\");">print</button><br>';  
  
thisDiv.style.position="absolute";  
thisDiv.style.left= theX +'px';  
thisDiv.style.top= theY +'px';  
thisDiv.style.color="aqua";  
thisDiv.style.zIndex="1";  
thisDiv.style.border = "solid 2px  
rgba(100,100,255,1.0)";  
thisDiv.style.fontFamily="exo";  
thisDiv.style.fontWeight="bold";  
thisDiv.style.fontSize="medium";  
thisDiv.style.width= sizeX +'px';  
thisDiv.style.height= sizeY + 'px';  
//thisDiv.style.background="white";  
thisDiv.style.textAlign="center";  
  
thisDiv.setAttribute("class", "divBackground");  
"/"+criteria+"
```

```
thisDiv.innerHTML += whichArray[i].name + "<br>";

thisDiv.innerHTML+="Link</a><br>";

document.body.append\(thisDiv\);
document.body.append\(thisTitle\);

}

}

function languageRowEASY\(theX, theY, sizeX, sizeY,
whichArray, criteria1, criteria2\)
{
    theX -= sizeX;

//This code below allows us to create an id to be used for
location data by our menu.

let idForPosition = document.createElement\("div"\);
idForPosition.style.position="absolute";
idForPosition.style.left= theX +'px';
idForPosition.style.top= theY -22 + 'px';
idForPosition.id = "scriptId";
document.body.append\(idForPosition\);
```

```
//used with lindenLanguage array  
//used with javascriptLanguage array  
for(let i = 0; i < whichArray.length; i++)  
{  
    if(whichArray[i].category == criteria1 &&  
whichArray[i].tag == criteria2)  
    {  
        theX = theX + sizeX + 20; //columns across + the  
padding!
```

```
let functionCategory =  
document.createElement("div");  
  
functionCategory.style.position="absolute";  
functionCategory.style.left= theX +'px';  
functionCategory.style.top= theY -49 + 'px';  
functionCategory.style.color="white";  
functionCategory.style.zIndex="10";  
functionCategory.style.fontFamily="exo";  
functionCategory.style.fontWeight="bold";  
functionCategory.style.fontSize="large";  
functionCategory.style.background="black";  
functionCategory.style.textAlign="center";
```

```
functionCategory.style.border = "solid 2px  
rgba(100,100,255,1.0);  
  
functionCategory.style.width= sizeX +'px';  
functionCategory.style.height= 75 +'px';  
functionCategory.style.paddingLeft="10px";  
functionCategory.style.paddingRight="10px";  
// functionCategory.style.paddingTop="4px";  
  
functionCategory.innerHTML=  
whichArray[i].language + "<b style='color:aqua'><br>" +  
whichArray[i].category + "<br>" + "<b style='color:yellow'>" +  
whichArray[i].name + "</b>";
```

```
let languageSpace =  
document.createElement("p");  
  
languageSpace.style.position="absolute";  
languageSpace.style.left= theX +'px';  
languageSpace.style.top= theY +25 + 'px';  
languageSpace.style.color="white";  
languageSpace.style.zIndex="100";  
languageSpace.style.border = "solid 2px  
rgba(100,100,255,1.0)";  
  
languageSpace.style.fontFamily="arial";  
languageSpace.style.fontWeight="normal";  
languageSpace.style.fontSize="normal";
```

```
languageSpace.style.width= sizeX +'px';
languageSpace.style.height= sizeY +'px';
//languageSpace.style.background="white";
languageSpace.style.textAlign="left";
languageSpace.style.paddingLeft="10px";
languageSpace.style.paddingRight="10px";

languageSpace.setAttribute("class",
"divBackground");
//"+criteria+

//languageSpace.id = whichArray[i].id;
languageSpace.id = Math.floor(351000 +
Math.random() * 9710000);

languageSpace.innerHTML += '<hr><button
onclick="printOnlyDiv(\"'+languageSpace.id+'\");"'
class="ourButton">Print</button> &nbsp &nbsp';

languageSpace.innerHTML+= "<span style=' font-
weight:bold'>URL: </span>";
```

```
languageSpace.innerHTML+=<a href=."+whichArray[i].url+"' target=_blank">Link &nbsp &nbsp;  
languageSpace.innerHTML+= "<span style=' font-weight:bold'>URL2: </span>";  
  
languageSpace.innerHTML+=<a href=."+whichArray[i].url2+"' target=_blank">Link  
2</a><br><hr>;  
  
languageSpace.innerHTML+= '<span style=" font-weight:bold;color:rgb(180,180,180);">Name of Function:<br>';  
  
languageSpace.innerHTML += '<span style=" font-weight:bold">'+whichArray[i].name+'</span><br><hr>;  
  
languageSpace.innerHTML+= '<span style=" font-weight:bold;color:rgb(180,180,180);">Description:</span><br>'  
;  
languageSpace.innerHTML+=  
whichArray[i].description + "<hr>";
```

```
languageSpace.innerHTML+= '<span style=" font-weight:bold;color:rgb(180,180,180);">Syntax:</span><br>';

languageSpace.innerHTML +=
whichArray[i].syntax + "<br><hr>";

languageSpace.innerHTML+= '<span style=" font-weight:bold;color:rgb(180,180,180);">Useage:</span><br>';

languageSpace.innerHTML +=
whichArray[i].useage + "<br><hr>";

languageSpace.innerHTML+= '<span style=" font-weight:bold;color:rgb(180,180,180);">Return Value
Type:</span><br>';

languageSpace.innerHTML+= whichArray[i].type +
"<br><hr>";

//KEEP Delete Button, Implement later with Array
splice

//languageSpace.innerHTML += '<hr><button
onclick="deleteThisRecord(\"'+languageSpace.id+'\");"'
class="ourButton">Delete</button><br><hr>';

document.body.append(functionCategory);
document.body.append(languageSpace);

}
```

```
    }
}

function displayBook(theX, theY, sizeX, sizeY,
whichArray, criteria1, theHeading)
{
    theX -= sizeX;

    //This code below allows us to create an id to be used
for location data by our menu.

    let idForPosition = document.createElement("div");
    idForPosition.style.position="absolute";
    idForPosition.style.left= theX +'px';
    idForPosition.style.top= theY -22 + 'px';
    idForPosition.id = "displayBooksId";
    document.body.append(idForPosition);

    //used with papercliptronics, javascriptBook1,
javascriptBook2, logicA, logicB, logicC, simulation, science,
human, mathematics arrays

    for(let i = 0; i < whichArray.length; i++)
    {
        theX = theX + sizeX; //columns across
```

```
if(whichArray[i].tag == criteria1)
{
    //filter for a MONTH, meaning, SHOW ONLY 1
month

    //if(whichArray[i].date.substring(0,2) == 3)

    //filter for Multiple MONTHS
    //if(whichArray[i].date.substring(0,2) == 8 ||
whichArray[i].date.substring(0,2) == 9)

    //filter for a DATE
    //if(whichArray[i].date.substring(0,10) ==
"02/29/2018")

    //filter for a Multiple DATES
    //if(whichArray[i].date.substring(0,10) ==
"02/29/2018" || whichArray[i].date.substring(0,10) ==
"02/29/2020")

    //filter for a DAY, of any month, of any year
    //if(whichArray[i].date.substring(3,5) == 2)

    //filter for a YEAR
```

```
//if(whichArray[i].date.substring(6,10) == 2019)

//filter for MULTIPLE YEARS

//if(whichArray[i].date.substring(6,10) == 2019 ||
whichArray[i].date.substring(6,10) == 2020)

//filter for MONTH and YEAR

//if(whichArray[i].date.substring(0,2) == 2 &&
whichArray[i].date.substring(6,10) == 2020)

//You can replace the if statement below,
//with one of the options above.

if(whichArray) //shows all items

{
    let theTitle = document.createElement("div");
    theTitle.style.position="absolute";
    theTitle.style.left= theX +'px';
    theTitle.style.top= theY -22 + 'px';
    theTitle.style.width= 1024 + 'px';
    theTitle.style.color="white";
    theTitle.style.zIndex="10";
    theTitle.style.fontFamily="exo";
    theTitle.style.fontWeight="bold";
}
```

```
theTitle.style.fontSize="medium";
theTitle.style.background="black";
theTitle.style.textAlign="center";

//theTitle.style.padding="0px 20px 0px 20px";
//top //right //bottom //left

theTitle.style.border = "solid 2px
rgba(100,100,255,1.0)";

theTitle.style.width= sizeX +'px';
theTitle.innerHTML= theHeading;
//evidenceWithImageRow

let theDiv = document.createElement("div");

//theDiv.id = whichArray[i].id;
theDiv.id = Math.floor(357000 + Math.random() *
9770000);

theDiv.innerHTML += '<button
onclick="printOnlyDiv(\"'+theDiv.id+'\");"'
class="ourButton">print</button><br>';
```

```
theDiv.style.position="absolute";
theDiv.style.left= theX +'px';
theDiv.style.top= theY +'px';

theDiv.style.width= sizeX; //1024 + 'px';
theDiv.style.height= sizeY;
theDiv.style.color="black";
theDiv.style.zIndex="1";

// theDiv.style.padding="0px 20px 0px 20px";
//top //right //bottom //left

theDiv.style.border = "solid 2px
rgba(100,100,255,1.0)";

theDiv.style.fontFamily="exo";
theDiv.style.fontWeight="normal";
theDiv.style.fontSize="medium";
theDiv.style.width= sizeX +'px';
theDiv.style.height= sizeY + 'px';
theDiv.style.background="black";
theDiv.style.textAlign="center";
```

```
//theDiv.setAttribute("class",
"evidenceWithImage");

//theDiv.style.whiteSpace="pre-wrap";
//theDiv.style.wordWrap="break-word";

theDiv.innerHTML += '<img
src= \''+whichArray[i].image+'\` class="bookImage">';

document.body.append(theDiv);
document.body.append(theTitle);

}

}

}

}

function deleteThisRecord(whichDiv)
{
    let warningDelete = confirm("DELETE ONLY This
Record?");

    if (warningDelete == true)
    {
```

```
document.getElementById(whichDiv).outerHTML =
"";  
}  
  
else if(warningDelete == false)  
{  
    alert("Canceled");  
    return;  
}  
  
//For the moment, we are using an empty outerHTML to  
experiment with the function, but soon we will utilize an array  
method instead, so that the array item is deleted from the  
array and the row is re-created on the screen minus the item  
we deleted.  
  
//whichArray.splice(whichArray,1);  
}  
  
  
function printOnlyDiv(whichDiv)  
{  
    let mywindow = window.open("", 'PRINT',  
'height=800,width=1000 top=50, left=100');  
  
  
mywindow.document.write('<style>img{width:75%;</style></h  
ead><body>');
```

```
mywindow.document.write('<h4>' + document.title +  
'</h4>');  
  
mywindow.document.write(document.getElementById(whichDiv).innerHTML);  
  
mywindow.print();  
//mywindow.close();  
}  
  
function printTextArea(whichTextArea)  
{  
    let mywindow = window.open("", 'PRINT',  
'height=800,width=1000 top=50, left=100');  
  
    mywindow.document.write('<style>img{width:75%;</style></h  
ead><body>');  
  
    mywindow.document.write('<h4>' + document.title +  
'</h4>');
```

```
mywindow.document.write(document.getElementById(whichTextArea).value);

mywindow.print();
//mywindow.close();

}

function boxingDetails(theDetails)
{
    let mywindow = window.open("", 'DETAILS',
'height=300,width=350 top=205, left=250');

mywindow.document.write('<style>img{width:75%;</style></head><body>');

    mywindow.document.write('<h4>' + document.title +
'</h4>');

//mywindow.document.write(document.getElementById(whichDiv).innerHTML);

mywindow.document.write(theDetails);
```

```
//mywindow.print();
//mywindow.close();
}
```

**//Wherever the Player is located, put this message upon start**

```
function startMessage()
{
    let startingText = document.createElement("div");
    startingText.style.position="absolute";
    startingText.style.left= ourPlayer.x + 140 +'px';
    startingText.style.top= ourPlayer.y - 127 + 'px';
    startingText.style.color="white";
    startingText.style.zIndex="998";
    startingText.style.fontFamily="exo";
    startingText.style.fontWeight="bold";
    startingText.style.fontSize="13pt";
    startingText.style.background="black";
    startingText.style.textAlign="center";
    startingText.style.border = "solid 2px
rgba(100,100,255,1.0)";
    startingText.style.width= 400 +'px';
    startingText.style.height= 285 +'px';
```

```
startingText.style.paddingLeft="20px";
startingText.style.paddingRight="20px";
startingText.style.paddingTop="4px";
startingText.innerHTML+= '<div><hr><span
style="color:rgb(255, 255, 255);letter-spacing: 1px;font-
size:20px">College of Scripting Music &
Science<br>Dedicated to God the Father</span><hr><span
style="color:rgb(126, 203, 255)">TOPALIAN GAME
ENGINE</span><br><span style="font-family:arial; font-
style:normal; line-height:20px"">W is Up, S is Down, A is Left,
D is Right <br>Numbers 1 to 9 Changes Speed<br>0 - +
BackSpace Home End for FASTER SPEEDS <br> N for
transparent, M for solid<br>Z for Player Menu<br> Chrome
Browser Loads the FASTEST <br></span><a
href="https://github.com/ChristopherTopalian/TopalianGameE
ngineDataNavigator" target="_blank">Christopher Topalian
DataNavigator Code Here</a><button
onclick=removeElement("startingMessage");
class="ourButton">Remove</button></div>';
```

```
startingText.id = "startingMessage";
```

```
//startingText.innerHTML += '<button
onclick=removeElement("startingMessage");
class="ourButton">Remove</button>';
```

```
document.body.append(startingText);

}

function gameEngineMessageStays()
{
    let startingText = document.createElement("div");
    startingText.style.position="absolute";
    startingText.style.left= 100 +'px';
    startingText.style.top= 80 + 'px';
    startingText.style.color="white";
    startingText.style.zIndex="998";
    startingText.style.fontFamily="exo";
    startingText.style.fontWeight="bold";
    startingText.style.fontSize="large";
    startingText.style.background="black";
    startingText.style.textAlign="center";
    startingText.style.border = "solid 2px
rgba(100,100,255,1.0)";

    startingText.style.width= 425 +'px';
    startingText.style.height= 305 +'px';
    startingText.style.paddingLeft="20px";
    startingText.style.paddingRight="20px";
    startingText.style.paddingTop="4px";
}
```

```
    startingText.innerHTML+= '<div><hr><span  
style="color:rgb(255, 255, 255);letter-spacing: 1px;font-  
size:20px;">College of Scripting Music &  
Science<br>Dedicated to God the Father</span><hr><span  
style="color:rgb(126, 203, 255)">TOPALIAN GAME  
ENGINE</span><br><span style="font-family:arial; font-  
style:normal">W is Up, S is Down, A is Left, D is Right  
<br>Numbers 1 to 9 Changes Speed<br>0 - + BackSpace  
Home End for FASTER SPEEDS <br> N for transparent, M for  
solid<br>Z for Player Menu<br> Chrome Browser Loads the  
FASTEST <br></span><a  
href="https://github.com/ChristopherTopalian/TopalianGameE  
ngineDataNavigator" target="_blank">Christopher Topalian  
DataNavigator Code Here</a><hr></div>';
```

```
    startingText.id = "gameEngineMessageStays";
```

```
    document.body.append(startingText);  
}
```

```
function playerMenu()  
{  
    let theMenu = document.createElement("div");  
    theMenu.style.position="absolute";  
    theMenu.style.left= ourPlayer.x - 285 +'px';  
    theMenu.style.top= ourPlayer.y - 127 + 'px';  
    theMenu.style.color="white";
```

```
theMenu.style.zIndex="998";
theMenu.style.fontFamily="exo";
theMenu.style.fontWeight="bold";
theMenu.style.fontSize="large";
theMenu.style.background="black";
theMenu.style.textAlign="center";
theMenu.style.border = "solid 2px
rgba(100,100,255,1.0)";

theMenu.style.width= 400 +'px';
theMenu.style.height= 195 +'px';
theMenu.style.paddingLeft="20px";
theMenu.style.paddingRight="20px";
theMenu.style.paddingTop="4px";

theMenu.innerHTML+= '<div><hr><span
style="color:rgb(255, 255, 255)">MENU
OPTIONS</span><hr><span style="color:rgb(126, 203,
255;font-family:arial;
font-style:normal">SECTIONS<br></span><button
onclick="scrollToSection('scripting');"
class='ourButton'>SCRIPTING</button><button
onclick="scrollToSection('evidence');"
class='ourButton'>EVIDENCE</button><button
onclick="scrollToSection('books');"
class='ourButton'>BOOKS</button><button
onclick="scrollToSection('news');"
class='ourButton'>NEWS</button><hr></div>';
```

```
theMenu.id = "playerMenu";  
  
//theMenu.innerHTML += '<button  
onclick=removeElement(\"'+theMenu.id+'\");  
class="ourButton">Remove</button>';  
  
theMenu.innerHTML += '<button  
onclick=removeElement("playerMenu");  
class="ourButton">Remove</button>';  
  
document.body.append(theMenu);  
}  
  
//Send Player to New Location Based On Choice from  
playerMenu  
function scrollToSection(theSection)  
{  
    if (theSection=="news")  
    {  
        ourPlayer.x = 100;  
        ourPlayer.y = getPos("newsId").y; //get pos of  
newsId div  
        //console.log(getPos("newsId").y);
```

**removeElement("playerMenu"); //remove menu,  
choice made**

```
removeElement("playerMenu"); //fix in progress  
}  
if (theSection=="scripting")  
{  
    ourPlayer.x = 331;  
    //ourPlayer.y = 16925; //Javascript Section  
    ourPlayer.y = getPos("scriptingId").y;
```

**removeElement("playerMenu"); //remove menu,  
choice made**

```
removeElement("playerMenu");  
}  
if (theSection=="books")  
{  
    ourPlayer.x = 392;  
    //ourPlayer.y = 9703; //Electronics Section  
    ourPlayer.y = getPos("collegeBooksId").y;
```

**removeElement("playerMenu"); //remove menu,  
choice made**

```
removeElement("playerMenu");
}

if (theSection=="evidence")
{
    ourPlayer.x = 406;
    //ourPlayer.y = 11504; //Inventions Section
    ourPlayer.y = getPos("evidenceld").y;

    removeElement("playerMenu"); //remove menu,
choice made
```

```
removeElement("playerMenu");
}

}

function removeElement(theElement)
{
    if(theElement)
    {
        document.getElementById(theElement).remove();
    }
}
```

**//We are using this SORT FUNCTION BELOW to sort many of the arrays!**

**//But, you can also use the spreadsheet tools to sort the data.**

**//Either way is fine.**

**//For Ascending order use a.date - b.date**

**//For Descending order use b.date - a.date**

**//ascending or descending**

**function sortByDate(whichArray, direction)**

**{**

**if(direction == "up") // ASCENDING is a.date - b.date**

**{**

**whichArray.sort(function(a,b){return new Date(a.date) - new Date(b.date);});**

**}**

**else if(direction == "down") //DESCENDING is b.date - a.date**

**{**

**whichArray.sort(function(a,b){return new Date(b.date) - new Date(a.date);});**

**}**

**}**

```
function sortIt()
{
    sortByDate(theNews, "down"); //Descending
    sortByDate(evidence, "down"); //Descending
    sortByDate(videoEvidence, "down"); //Descending
    sortByDate(socialMediaEvidence, "up"); //Ascending
    sortByDate(boxingVideos, "down"); //Descending
    sortByDate(collegeVideos, "down"); //Descending
    sortByDate(ourVideoFiles, "up"); //Descending

    ////Sort by Multiple Criteria, category and name////
    javascriptLanguage.sort(function(a, b)
    {
        return a.category.localeCompare(b.category) ||
        b.name - a.name;
    });

    ////Sort by Multiple Criteria, category and name////
    lindenLanguage.sort(function(a, b)
    {
        return a.category.localeCompare(b.category) ||
        b.name - a.name;
    });
}
```

```
////Sort by one number only, number////
theNotes.sort(function(a, b)
{
    return a.number.localeCompare(b.number, 'en-US',
{numeric:"true"}); //|| b.note - a.note;
});

////Sort by one number only, probability////
socialMediaEvidence.sort(function(a, b)
{
    return a.probability.localeCompare(b.probability, 'en-
US', {numeric:"true"}); //|| b.title - a.title;
});

//To sort by additional criteria, just use another ||
//Sort By Date/// ASCENDING
sciencelimages.sort(function(a,b){return new
Date(a.date) - new Date(b.date);});

/* The Keyboard Letter Codes that are Being Pressed */
```

```
let keyboard = {};  
    keyboard.UP = 87; //87 is w, 38 is up arrow  
    keyboard.DOWN = 83; //83 is s, 40 is down arrow  
    keyboard.LEFT = 65; //65 is a, 37 is left arrow  
    keyboard.RIGHT = 68; //68 is d, 39 is right arrow
```

```
/* Player's start position and id, PlayerLocation*/
```

```
let ourPlayer = {  
    x: 374,  
    y: 34437,  
    speedMultiplier: 35,  
    playerId: document.getElementById("thePlayer")  
};
```

```
//Key Press Detection
```

```
//document.body.onkeyup =  
//document.body.onkeydown = function(e){
```

```
function theControls(e)
```

```
{  
    if(e.keyCode == 90) //Letter z  
    {
```

```
playerMenu(); //open player menu of locations
}

if(e.keyCode == 77) //Letter m
{
    ourPlayer.playerId.style.opacity="1.0";
}

if(e.keyCode == 78) //Letter n
{
    ourPlayer.playerId.style.opacity="0.2";
    ourPlayer.playerId.innerHTML= "";
}

if(e.keyCode == 192) //tilda
{
    ourPlayer.speedMultiplier=1;
    ourPlayer.playerId.innerHTML="Speed 1";
}

if(e.keyCode == 49 || e.keyCode == 97) //number 1, or
numpad 1
{
    ourPlayer.speedMultiplier=2;
    ourPlayer.playerId.innerHTML="Speed 2";
}

if(e.keyCode == 50 || e.keyCode == 98) //number 2
```

```
{  
    ourPlayer.speedMultiplier=3;  
    ourPlayer.playerId.innerHTML="Speed 3";  
}  
  
if(e.keyCode == 51 || e.keyCode == 99) //number 3  
{  
    ourPlayer.speedMultiplier=4;  
    ourPlayer.playerId.innerHTML="Speed 4";  
}  
  
if(e.keyCode == 52 || e.keyCode == 100) //number 4  
{  
    ourPlayer.speedMultiplier=5;  
    ourPlayer.playerId.innerHTML="Speed 5";  
}  
  
if(e.keyCode == 53 || e.keyCode == 101) //number 5  
{  
    ourPlayer.speedMultiplier=10;  
    ourPlayer.playerId.innerHTML="Speed 10";  
}  
  
if(e.keyCode == 54 || e.keyCode == 102) //number 6  
{  
    ourPlayer.speedMultiplier=15;
```

```
ourPlayer.playerId.innerHTML="Speed 15";  
}  
  
if(e.keyCode == 55 || e.keyCode == 103) //number 7  
{  
    ourPlayer.speedMultiplier=20;  
    ourPlayer.playerId.innerHTML="Speed 20";  
}  
  
if(e.keyCode == 56 || e.keyCode == 104) //number 8  
{  
    ourPlayer.speedMultiplier=25;  
    ourPlayer.playerId.innerHTML="Speed 25";  
}  
  
if(e.keyCode == 57 || e.keyCode == 105) //number 9  
{  
    ourPlayer.speedMultiplier=30;  
    ourPlayer.playerId.innerHTML="Speed 30";  
}  
  
if(e.keyCode == 48 || e.keyCode == 96) //number 0  
{  
    ourPlayer.speedMultiplier=50;  
    ourPlayer.playerId.innerHTML="Speed 50";  
}
```

```
if(e.keyCode == 189) //dash
{
    ourPlayer.speedMultiplier=100;
    ourPlayer.playerId.innerHTML="Speed 100";
}

if(e.keyCode == 187) //+
{
    ourPlayer.speedMultiplier=200;
    ourPlayer.playerId.innerHTML="Speed 200";
}

if(e.keyCode == 8) //back space button
{
    ourPlayer.speedMultiplier=400;
    ourPlayer.playerId.innerHTML="Speed 400";
}

if(e.keyCode == 36) //Home Button
{
    ourPlayer.speedMultiplier=800;
    ourPlayer.playerId.innerHTML="Speed 800";
}

if(e.keyCode == 35) //End Button
{
```

```
ourPlayer.speedMultiplier=1600;
ourPlayer.playerId.innerHTML="Speed 1600";
}

//Find out which key was pressed
let theKeyCode = e.keyCode || e.which;
keyboard[theKeyCode] = e.type == 'keydown';
};

/* Character Movement Updating */
let movePlayer = function(theX, theY){
    ourPlayer.x += (theX||0) * ourPlayer.speedMultiplier;
    ourPlayer.y += (theY||0) * ourPlayer.speedMultiplier;

    ourPlayer.playerId.style.left = ourPlayer.x + 'px';
    ourPlayer.playerId.style.top = ourPlayer.y + 'px';
};

/* Player Controls */
let playerMotion = function(){
    if(keyboard[keyboard.LEFT]){
        movePlayer(-1,0);
    }
}
```

```
// ourPlayer.playerId.style.backgroundPosition=-2;  
//Note: need to simplify for logical  
backgroundPosition coordinates.  
}  
  
if(keyboard[keyboard.RIGHT]) {  
    movePlayer(1,0);  
    // ourPlayer.playerId.style.backgroundPosition=302;  
}  
  
if(keyboard[keyboard.UP]) {  
    movePlayer(0,-1);  
    // ourPlayer.playerId.style.backgroundPosition=97;  
}  
  
if(keyboard[keyboard.DOWN]) {  
    movePlayer(0,1);  
    //ourPlayer.playerId.style.backgroundPosition=625;  
}  
};  
  
function getAllInfo(theId)  
{  
    theId = document.getElementById(theId);  
    let theRect = theId.getBoundingClientRect();  
    return theRect;  
}
```

```
}

//console.log(JSON.stringify(getAllInfo('boxOne')));

function getPos(theId)
{
    theId = document.getElementById(theId);
    let theRect = theId.getBoundingClientRect();
    let theRectY = theId.getBoundingClientRect().top +
window.scrollY;

    let posXY = {
        x:parseInt(theRect.x) + parseInt(theRect.width)/2 +
window.scrollX,
        y:parseInt(theRectY) + parseInt(theRect.height)/2
    };
    return posXY;
}

//Camera Follows the Player

function scrollIt()
{
    ourPlayer.playerId.scrollIntoView({block: "center",
inline: "center"});
}
```

```
}

//Get Size of the id
function getSize(theId)
{
    theId = document.getElementById(theId);
    let theRect = theId.getBoundingClientRect();

    let sizeXY = {
        x: parseInt(theRect.width),
        y: parseInt(theRect.height)
    };
    return sizeXY;
}

// Position and Size Objects according to if condition
// not used in this tutorial
function posSizeObject(whichArray)
{
    for(let i = 0; i < whichArray.length; i++)
    {
        if(whichArray[i].kind == "box" || whichArray[i].kind
=="tile")
    }
}
```

```

{
    let d =
document.getElementById(whichArray[i].id);

    d.style.position = "absolute";
    d.style.left = whichArray[i].xPos +'px';
    d.style.top = whichArray[i].yPos +'px';
    d.style.width = whichArray[i].width +'px';
    d.style.height = whichArray[i].height +'px';

}
}

}

```

#### **////Get the Position of the mouse arrow////**

```

function mousePos(theEvent)
{
    let mouseX = theEvent.pageX;
    let mouseY = theEvent.pageY;
    let mousePos = "Mouse" + "<br>" + "X " + mouseX +
"<br>" + "Y " + mouseY;
    console.log(mousePos);
    ourPlayer.playerId.innerHTML= mousePos;
}

```

```
function makeLine(theYPos, sector, ourMessage)
{
    let makeLine = document.createElement("div");
    makeLine.style.position="absolute";
    makeLine.style.left= 0 +'px';
    makeLine.style.top= theYPos + 'px';
    makeLine.style.color="white";
    makeLine.style.zIndex="10";
    makeLine.style.fontFamily="exo";
    makeLine.style.fontWeight="bold";
    makeLine.style.fontSize="large";
    makeLine.style.background="black";
    makeLine.style.textAlign="center";
    makeLine.style.border = "solid 2px
rgba(100,100,255,1.0)";
    makeLine.style.width= 1000 +'px';
    makeLine.style.height= 25 +'px';
    makeLine.style.paddingLeft="20px";
    makeLine.style.paddingRight="20px";
    makeLine.style.paddingTop="4px";
    makeLine.innerHTML= ourMessage;
    makeLine.id = "sector" + sector;
}
```

```
document.body.append(makeLine);

}

let yPos= 500; //Content starts at y Position of 500
//Content is Positioned in Rows Based on the Functions Place
in the Array
function contentContainer()
{
    let contentArray =
    [
        function(){ newsRow(100, yPos, 800, 250, theNews,
"news")},
        //theX, theY, sizeX, sizeY,whichArray, criteria1

        function(){ evidenceRow(100,yPos,700,300, evidence,
"fact")},
        //theX, theY, sizeX, sizeY,whichArray, criteria1

        function(){ socialMediaEvidenceRow(100, yPos, 700, 500,
socialMediaEvidence, "twitter")},
        //theX, theY, sizeX, sizeY,whichArray, criteria1

        function(){ detailsRow(100, yPos, 700, 500,
socialMediaEvidence, "twitter")},
```

```
//theX, theY, sizeX, sizeY, whichArray, criteria1

function(){ evidenceWithImageRow(100,yPos,1250,600,
evidence, "fact", "Evidence")},
//theX, theY, sizeX, sizeY, whichArray, criteria1, theTitle

function(){ makeWebsitesOrVideos(100,yPos,700,500,
videoEvidence, "youtubeVideo")},
//theX, theY, sizeX, sizeY, whichArray, criteria1

function(){ makeVideos(100, yPos, 800, 600,
videoEvidence, "exercise")},
//theX, theY, sizeX, sizeY, whichArray, criteria1

function(){ makeVideos(100, yPos, 800, 600,
videoEvidence, "mask")},
//theX, theY, sizeX, sizeY, whichArray, criteria1

function(){ makeVideosOnlineStartEnd(100, yPos, 800,
600, videoEvidence, "youtubeVideo", "exercise")},
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

/////////TECH

```
function(){ makeVideosMultiFilters(100, yPos, 800, 600,  
collegeVideos,"youtubeVideo", "javascript")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ makeVideosMultiFilters(100, yPos, 800, 600,  
collegeVideos,"youtubeVideo", "papercliptronics")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ makeVideosMultiFilters(100, yPos, 800, 600,  
collegeVideos,"youtubeVideo", "breadboard")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ makeVideosOnlineStartEnd(100, yPos, 600,  
500, techVideos, "youtubeVideo", "electric motor")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ makeVideosOnlineStartEnd(100, yPos, 600,  
500, techVideos, "youtubeVideo", "water pump")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ makeVideosOnlineStartEnd(100, yPos, 600,  
500, techVideos, "youtubeVideo", "air pump")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ makeVideosOnlineStartEnd(100, yPos, 600,  
500, techVideos, "youtubeVideo", "microphone")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ scienceImagesAndLink(100, yPos, 600, 600,  
scienceImages, "electricity", "electron flow")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

## //LANGUAGE

```
function(){ languageRowEASY(100, yPos, 400, 500,  
lindenLanguage, "in progress", "function")},  
//whichArray, theX, theY, sizeX, sizeY, criteria
```

```
function(){ languageRowEASY(100, yPos, 400, 500,  
javascriptLanguage, "array", "function")},  
//whichArray, theX, theY, sizeX, sizeY, criteria
```

```
function(){ languageRowEASY(100, yPos, 400, 500,  
javascriptLanguage, "string", "function")},  
//whichArray, theX, theY, sizeX, sizeY, criteria
```

```
function(){ languageRowEASY(100, yPos, 400, 500,  
javascriptLanguage, "math", "function")},  
//whichArray, theX, theY, sizeX, sizeY, criteria
```

```
function(){ languageRowEASY(100, yPos, 400, 500,  
javascriptLanguage, "date", "function")},  
//whichArray, theX, theY, sizeX, sizeY, criteria
```

```
function(){ languageRowEASY(100, yPos, 400, 500,  
javascriptLanguage, "boolean", "function")},  
//whichArray, theX, theY, sizeX, sizeY, criteria
```

```
function(){ languageRowEASY(100, yPos, 400, 500,  
javascriptLanguage, "global", "function")},  
//whichArray, theX, theY, sizeX, sizeY, criteria
```

```
function(){ languageRowEASY(100, yPos, 400, 500,  
javascriptLanguage, "number", "function")},  
//whichArray, theX, theY, sizeX, sizeY, criteria
```

```
function(){ languageRowEASY(100, yPos, 400, 500,  
javascriptLanguage, "regular expression", "function")},  
//whichArray, theX, theY, sizeX, sizeY, criteria
```

```
function(){ languageRowEASY(100, yPos, 400, 500,  
javascriptLanguage, "classes", "function")},  
//whichArray, theX, theY, sizeX, sizeY, criteria
```

```
function(){ languageRowEASY(100, yPos, 400, 500,  
javascriptLanguage, "error", "function")},
```

```
//whichArray, theX, theY, sizeX, sizeY, criteria
```

```
function(){ languageRowEASY(100, yPos, 400, 500,  
javascriptLanguage, "json", "function")},
```

```
//whichArray, theX, theY, sizeX, sizeY, criteria
```

```
function(){ languageRowEASY(100, yPos, 400, 500,  
javascriptLanguage, "console", "function")},
```

```
//whichArray, theX, theY, sizeX, sizeY, criteria
```

```
function(){ languageRowEASY(100, yPos, 400, 500,  
javascriptLanguage, "history", "function")},
```

```
//whichArray, theX, theY, sizeX, sizeY, criteria
```

```
function(){ languageRowEASY(100, yPos, 400, 500,  
javascriptLanguage, "storage", "function")},
```

```
//whichArray, theX, theY, sizeX, sizeY, criteria
```

```
function(){ languageRowEASY(100, yPos, 400, 500,  
javascriptLanguage, "geolocation", "function")},
```

```
//whichArray, theX, theY, sizeX, sizeY, criteria
```

```
function(){ languageRowEASY(100, yPos, 400, 500,  
javascriptLanguage, "string", "function")},  
//whichArray, theX, theY, sizeX, sizeY, criteria  
  
//PERSONAL  
  
function(){ makeVideosUsingVideoFile(100, yPos, 790,  
445, ourVideoFiles,"personal", "personal")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2)  
  
function(){ notesRow(100, yPos, 400, 400, theNotes,  
"note")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1  
  
function(){ notesWithTextAreaRow(100, yPos, 600, 500,  
theNotes, "note")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1  
  
//COLLEGE  
  
function(){ collegeBooksRow(100, yPos, 400, 400,  
collegeBooks)},  
//theX, theY, sizeX, sizeY, whichArray
```

```
function(){ displayBook(100, yPos, 600, 600,  
javascriptBook1, "book", "JavascriptBook1", "texture")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1,  
theHeading
```

```
function(){ displayBook(100, yPos, 600, 600,  
javascriptBook2, "book", "JavascriptBook2", "texture")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1,  
theHeading
```

```
function(){ displayBook(100, yPos, 600, 600, logicBookA,  
"book", "LogicBookA", "texture")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1,  
theHeading
```

```
function(){ displayBook(100, yPos, 875, 475, logicBookB,  
"book", "LogicBookB", "texture")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1,  
theHeading
```

```
function(){ displayBook(100, yPos, 600, 600, logicBookC,  
"book", "LogicBookC", "texture")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1,  
theHeading
```

```
function(){ displayBook(100, yPos, 800, 600,  
papercliptronics, "book", "Papercliptronics","texture")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1,  
theHeading
```

```
function(){ displayBook(100, yPos, 600, 600, science,  
"book", "Science", "texture")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1,  
theHeading
```

```
function(){ displayBook(100, yPos, 600, 600,  
mathematics, "book", "Mathematics", "texture")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1,  
theHeading
```

```
function(){ displayBook(100, yPos, 600, 600, simulation,  
"book", "Simulation", "texture")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1,  
theHeading
```

```
function(){ displayBook(100, yPos, 600, 600, human,  
"book", "Human", "texture")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1,  
theHeading
```

```
function(){ collegeLinksRow(100, yPos, 300, 50,
collegeLinks)},
//theX, theY, sizeX, sizeY, whichArray
];

for (i = 0; i < contentArray.length; i++)
{
    contentArray[i](); //adds one row each time through the
loop
    yPos = yPos + 900; //add 900 to the yPos, between new
section below
}
//contentArray[0]();

//spacer sector 1 line
makeLine(yPos, 1, "Cross this Line to ADD Boxing
Content");
}

function boxingContainer()
{
let boxingContentArray =
[
```

```
//BOXING

function(){ makeVideosMultiFilters(100, yPos, 800, 600,
boxingVideos,"boxing", "furyWilder1")},
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

function(){ makeVideosMultiFilters(100, yPos, 800, 600,
boxingVideos, "boxing", "furyWilder2")},
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

//SHOW ALL VIDEOS of array bdaBoxingComments.

function()
{ makeVideosOnlineStartEndTIMECODEShowAll(100, yPos,
800, 600, bdaBoxingComments, "youtubeVideo")},
//theX, theY, sizeX, sizeY, whichArray, criteria1

//Show Selected Videos of array bdaBoxingComments
function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "Bucho", "size
excuse")},
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "BDA", "size excuse")},
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
/*
function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "Recognize", "size
excuse")},
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "Bucho", "shoulder
excuse")},
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "BDA", "shoulder
excuse")},
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "Recognize", "shoulder
excuse")},
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "Gonzalo", "shoulder
excuse")},
```

```
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

    function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "Bucho", "judges
excuse")},
    //theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

    function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "BDA", "judges
excuse")},
    //theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

    function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "Recognize", "judges
excuse")},
    //theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

    function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "Precise", "judges
excuse")},
    //theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

    function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "Recognize",
"promoter excuse")},
```

```
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

    function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "Apology", "compubox
excuse")},

    //theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

    function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "BDA", "funny")},

    //theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

    function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "Bucho", "funny")},

    //theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

    function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "Recognize", "funny")},

    //theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

    function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "Pete", "funny")},

    //theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ makeVideosOnlineStartEndTIMECODE(100,  
yPos, 800, 600, bdaBoxingComments, "Precise", "funny")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ makeVideosOnlineStartEndTIMECODE(100,  
yPos, 800, 600, bdaBoxingComments, "BDA", "attacks  
person")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ makeVideosOnlineStartEndTIMECODE(100,  
yPos, 800, 600, bdaBoxingComments, "Bucho", "attacks  
person")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ makeVideosOnlineStartEndTIMECODE(100,  
yPos, 800, 600, bdaBoxingComments, "Recognize", "attacks  
person")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ makeVideosOnlineStartEndTIMECODE(100,  
yPos, 800, 600, bdaBoxingComments, "Apology", "attacks  
person")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ makeVideosOnlineStartEndTIMECODE(100,  
yPos, 800, 600, bdaBoxingComments, "Dee", "attacks  
person")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ makeVideosOnlineStartEndTIMECODE(100,  
yPos, 800, 600, bdaBoxingComments, "Precise", "attacks  
person")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ makeVideosOnlineStartEndTIMECODE(100,  
yPos, 800, 600, bdaBoxingComments, "Bucho", "mockery")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ makeVideosOnlineStartEndTIMECODE(100,  
yPos, 800, 600, bdaBoxingComments, "Recognize",  
"mockery")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ makeVideosOnlineStartEndTIMECODE(100,  
yPos, 800, 600, bdaBoxingComments, "Dee", "mockery")},  
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
```

```
function(){ makeVideosOnlineStartEndTIMECODE(100,  
yPos, 800, 600, bdaBoxingComments, "Pete", "mockery")},
```

```
//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2

function(){ makeVideosOnlineStartEndTIMECODE(100,
yPos, 800, 600, bdaBoxingComments, "Precise", "low blow
excuse")}

//theX, theY, sizeX, sizeY, whichArray, criteria1, criteria2
*/
];

for (i = 0; i < boxingContentArray.length; i++)
{
    boxingContentArray[i]();
    yPos = yPos + 900;
}
}

//// When the Page Loads /////
function whenLoaded()
{
    //finder("Sections");

    playerMenu();
}
```

```
sortIt(); //sorts the arrays

contentContainer(); //loads starting content to the page

gameEngineMessageStays(); //opens message at yPos
100

startMessage(); //opens message near player

//console.log(yPos);

window.addEventListener("click", mousePos, false);
window.addEventListener("keydown", theControls,
false);
window.addEventListener("keyup", theControls, false);
}

//Load Content based on the player's position.

let sector1 = 0;

function wasLineCrossed()
{
    //player speed can be Extremely fast, so we allow large
range of Y value to be able to trigger the event
```

```

if(sector1==0)
{
    if(Math.floor(getPos("thePlayer").y) > yPos &&
Math.floor(getPos("thePlayer").y) < yPos+40)
    {
        ourPlayer.playerId.innerHTML = yPos + "
Crossed";
        boxingContainer(); //loads the boxing content
        removeElement("sector1"); //removes the line
        sector1=1; //only allow content to be added one
time
    }
}
}

function doThisLoop()
{
    playerMotion();
    scrollIt();
    wasLineCrossed();
    requestAnimationFrame(doThisLoop);
}
doThisLoop();

```

```
//Update the Position of the player  
movePlayer();  
  
</script>  
</body>  
</html>
```

# **CODE TopalianData.js**

---

//Dedicated to God the Father

//All Rights Reserved Christopher Topalian Copyright 2020

//THIS IS THE DATA (CONTENT) that we are using for the Topalian Game Engine Data Navigator

//This File is Saved as TopalianData.js

//Make sure that you only use Straight Single Quotes in the titles, names, headlines, etc!

//Make sure there are NO Double Quotes in titles,names,headlines, etc.

//Also make sure there are NO Curly Quotes, neither single or double

//Remember, it is the Straight Double Quotes that contain the strings, so we cannot use double quotes in the titles, or else they would end the strings before we wanted the strings to be ended!

//To play an embedded video with a Start and End Time

//add this to the end of the url ?start=5&end=125

//for example

//<https://www.youtube.com/embed/YOVpxpQhJB4?start=5&end=268>

//or

//you can choose to set only the start time ?start=5

//for example

//<https://www.youtube.com/embed/YOVpxpQhJB4?start=5>

//or

//you can choose to set only the end time ?end=5

//for example

//<https://www.youtube.com/embed/YOVpxpQhJB4?end=5>

```
let scienceImages =  
[  
  { title:"Electricity is the flow of electrons around a circuit",  
    date:"10/07/2020 12:00 AM",  
  
    url:"http://ffden-2.phys.uaf.edu/webproj/211_fall_2016/Sterling_St  
asak/Sterling_Stasak/Physics%20of%20Electricity.html",  
    image:"https://cdn4.explainthatstuff.com/electronflow.png",  
    info:"website",    tag:"electricity",    description:"electron  
flow"},  
  
  { title:"What is Electric Current? Definition & Direction of flow  
of current",    date:"08/01/2018 12:00 AM",  
    url:"https://www.youtube.com/watch?v=kAL17fHlv4U",  
  
    image:"https://i.ytimg.com/vi/kAL17fHlv4U/maxresdefault.jpg",  
    info:"youtubeVideo",    tag:"electricity",  
    description:"electron flow"},  
  
  { title:"Current Electricity and Electrical Potential",  
    date:"09/08/2010 12:00 AM",url:"http://paulzhang-  
sph3u.blogspot.com/2010/09/current-electricity-and-  
electrical.html",  
    image:"https://1.bp.blogspot.com/_kJYnXmViRmg/TII-  
IIFDpsI/AAAAAAAQAQ/fWFfGCZBiXI/s1600/  
electric+current.jpg",    info:"website",    tag:"electricity",  
    description:"electron flow"},  
  
  { title:"Electricity Simplified",date:"01/01/2001 12:00 AM",  
    url:"https://docireport.org/2013/08/17/electricity-simplified/",  
  
    image:"https://docireport.files.wordpress.com/2013/08/electron-  
flow.jpg",    info:"website",    tag:"electricity",  
    description:"electron flow"},
```

```
{    title:"DIY - How to Build a mini electric motor",
    date:"07/27/2017 12:00 AM",
    url:"https://www.youtube.com/watch?v=Xnc4oLHZ438",

image:"https://i.ytimg.com/vi/Xnc4oLHZ438/maxresdefault.jpg",
info:"youtubeVideo",  tag:"electricity",
description:"electric motor"},

{    title:"Rotation electric motor, easy homemade",
date:"02/04/2013 12:00 AM",
url:"https://www.youtube.com/watch?v=WKklyuzghQg",

image:"https://i.ytimg.com/vi/WKklyuzghQg/maxresdefault.jpg",
info:"youtubeVideo",  tag:"electricity",
description:"electric motor"},

{    title:"How to make an electric motor homemade",
date:"08/10/2014 12:00 AM",
url:"https://www.youtube.com/watch?v=kkXUmex-fy4",

image:"https://i.ytimg.com/vi/kkXUmex-fy4/maxresdefault.jpg",
info:"youtubeVideo",  tag:"electricity",
description:"electric motor"}];
let theNews =
[
    { headline:"Bill Gates Met With Jeffrey Epstein Many Times,
Despite His Past", date:"10/12/2019 12:00 AM",
url:"https://www.nytimes.com/2019/10/12/business/jeffrey-epstein-
bill-gates.html", tag:"news", description:"epstein"},

    { headline:"CDC Finds Another 5,000+ NYC Deaths in March
and April With Potential COVID-19 Links", date:"05/11/2020 12:00
AM", url:"https://www.nbcnewyork.com/news/local/cdc-finds-
```

**another-5000-nyc-deaths-in-march-and-april-with-potential-covid-19-links/2411670/", tag:"news", description:"pandemic"},**

**{ headline:"Ghislaine Maxwell was a faithful lapdog' to Jeffrey Epstein, wanted to marry him, royal cousin claims", date:"07/06/2020 12:00 AM", url:"https://www.foxnews.com/entertainment/ghislaine-maxwell-jeffrey-epstein-christina-oxenberg-prince-andrew", tag:"news", description:"epstein"},**

**{ headline:"Twitter cracks down on QAnon, will ban thousands of accounts", date:"07/21/2020 12:00 AM", url:"https://fortune.com/2020/07/21/twitter-qanon-accounts-banned-crackdown/", tag:"news", description:"qanon"}  
];**

**let videoEvidence =  
[**

**{ title:"Event 201 Pandemic Exercise: Highlights Reel", date:"11/04/2019 12:00 AM", url:"https://www.youtube.com/embed/AoLw-Q8X174?start=5&end=300", tag:"youtubeVideo", description:"exercise"},**

**{ title:"Video footage shows massive explosion in Tianjin, China", date:"08/12/2015 12:00 AM", url:"https://www.youtube.com/embed/qARRLogg38k", tag:"youtubeVideo", description:"important"},**

**{ title:"Najaf , Iraq explosion video", date:"08/06/2020 12:00 AM", url:"https://www.youtube.com/embed/YARLD34YiAY", tag:"youtubeVideo", description:"important"}  
];**

**let evidence =  
[**

```
{ title:"Wuhan China manufactured Adrenochrome",  
date:"07/17/2018 12:00 AM",  
url:"https://www.ncbi.nlm.nih.gov/pcsubstance/?term=%223B+Scientific+(Wuhan)+Corp%22%5BSourceName%5D+AND+%22Adrenochrome%22", info:"They have made Adrenochrome in Wuhan China for a long time.",  
image:"https://collegeofscripting.weebly.com/uploads/6/4/4/8/64482293/wuhan-adrenochrome-002_orig.png", tag:"fact",  
description:"medicalArticle"},
```

```
{ title:"Digital Immunity Proof", date:"03/25/2020 12:00 AM",  
url:"https://youtu.be/QFINPE-H3u8", info:"Mass vaccination followed by Digital Immunity Proof",  
image:"https://collegeofscripting.weebly.com/uploads/6/4/4/8/64482293/bill-gates-digital-immunity-proof_orig.png", tag:"fact",  
description:"vaccines"},
```

```
{ title:"Bill Clinton visited Jeffrey Epstein's private island, unsealed court documents suggest", date:"07/31/2020 12:00 AM",  
url:"https://www.foxnews.com/us/bill-clinton-visited-jeffrey-epsteins-private-island-unsealed-court-documents-suggest",  
info:"Witness stated that Bill Clinton Visited Jeffrey Epsteins island",  
image:"https://pbs.twimg.com/media/EeN7Qo5X0AAhLyJ?format=png&name=900x900", tag:"fact", description:"epstein"}  
];
```

```
let socialMediaEvidence =
```

```
[
```

```
{ title:"Bill Clinton reported by witness to be present with Epstein on Epstein island.", date:"07/31/2020 02:05 AM",  
url:"https://twitter.com/ISCResearch/status/1289079824439554048", info:"Witness Testimony",  
image:"https://pbs.twimg.com/media/EeO7QzFXoAA8Jlo?format=jpg&name=900x900", tag:"twitter", description:"epstein",  
probability:"98"},
```

```
{ title:"When did Donald Trump flirt with you? He didnt.",  
date:"07/31/2020 02:12 AM",  
url:"https://twitter.com/ISCResearch/status/1289081444686614528",  
info:"testimony",  
image:"https://pbs.twimg.com/media/EeO8vRRWoAAI9MO?  
format=jpg&name=small", tag:"twitter", description:"epstein",  
probability:"97"},
```

```
{ title:"MIT Technology Review @techreview", date:"07/31/2020  
02:55 PM",  
url:"https://twitter.com/techreview/status/1289273594761994241",  
info:"The pandemic has rapidly grown the presence of QAnon  
and the spread of its conspiracy theories. If we stand any hope of  
stopping it, online platforms must do much more than fact checks  
and account bans.",  
image:"https://collegeofscripting.weebly.com/uploads/6/4/4/8/6448  
2293/mit_orig.jpg", tag:"twitter", description:"censorship",  
probability:"99"}  
];
```

let theNotes =

[

```
{ note:"Here is a simple Note.", date:"08/22/1998 12:00 AM",  
number:"1", tag:"note"},
```

```
{ note:"Here is the second note.", date:"02/29/2018 12:00 AM",  
number:"2", tag:"note"},
```

```
{ note:"Here is the third note.", date:"02/29/2020 12:00 AM",  
number:"3", tag:"note"},
```

```
{ note:"Here is the fourth note.", date:"10/16/2020 10:19 AM",  
number:"4", tag:"note"}  
];
```

```

let javascriptLanguage =
[
{   category:"array", name:"concat()", description:"Joins two or more arrays, without changing the existing arrays, but instead returns a new array.", syntax:"array1.concat(array2, array3);",
    useage:"var combinedArray = theNotes.concat(theNews, evidence);",
url:"https://www.w3schools.com/jsref/jsref_concat_array.asp",
url2:"https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array(concat)", type:"returns a new array", tag:"function", language:"JavaScript"},

{   category:"array", name:"copyWithin()", description:"Copies a specified section of an array to another location in the array and returns that array, without modifying the length.", syntax:"array.copyWithin(target, start, end);", useage:"theNotes.copyWithin(2, 0, 2);",
url:"https://www.w3schools.com/jsref/jsref_copywithin.asp",
url2:"https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/copyWithin", type:"returns an array", tag:"function", language:"JavaScript"},

{   category:"array", name:"entries()", description:"Create an Array Iterator object and create a loop that iterates each key/value pair", syntax:"In Progress", useage:"In Progress",
url:"https://www.w3schools.com/jsref/jsref_entries.asp",
url2:"https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/entries", type:"In Progress",
tag:"function", language:"JavaScript"}
];

let lindenLanguage =

```

```

[
  { name:"llAbs",description:"Tells you the absolute value of
any integer number", syntax:"llAbs(integer number);",
  usage:"llAbs(-3);",
  url:"https://wiki.secondlife.com/wiki/LLAbs",
  url2:"https://collegeofscripting.weebly.com/", type:"returns
an integer", tag:"function", category:"math",
language:"Linden"},

  { name:"llAcos", description:"Tells you the ArcCosine of a
number",syntax:"llAcos(float number);", usage:"llAcos(0.7);",
  url:"https://wiki.secondlife.com/wiki/LLAcos",
  url2:"https://collegeofscripting.weebly.com/", type:"returns
a float, in radians", tag:"function", category:"math",
language:"Linden"},

  { name:"llAddToLandBanList", description:"Adds person to
the land ban list for a time. Forever is zero.", syntax:"in
progress", usage:"in progress",
  url:"https://wiki.secondlife.com/wiki/LLAddToLandBanList",
  url2:"https://collegeofscripting.weebly.com/", type:"in
progress", tag:"function", category:"in progress",
language:"Linden"}
];

```

```

let boxingVideos =
[
{ title:"Tyson Fury HOLDING WHILE HITTING", date:"03/11/2020
12:00 AM", url:"https://www.youtube.com/embed/vJ7x7lq7b0U",
tag:"boxing", description:"furyWilder2"},

{ title:"Tyson Fury BEHIND THE HEAD 2", date:"03/11/2020 12:00
AM", url:"https://www.youtube.com/embed/G5A6zvTt3Uw",
tag:"boxing", description:"furyWilder2"},
```

```
{ title:"Tyson Fury BEHIND THE HEAD 3, HOLDING WHILE  
HITTING 2", date:"03/12/2020 12:00 AM",  
url:"https://www.youtube.com/embed/pvph9__goil", tag:"boxing",  
description:"furyWilder2"}  
];
```

```
let collegeVideos =  
[  
    { title:"Not Freezing Detector Circuit on a Breadboard",  
date:"09/25/2020 12:00 AM",  
url:"https://www.youtube.com/embed/wbN4MG-J_R4",  
tag:"youtubeVideo", description:"breadboard"},  
  
    { title:"Heat Detector Circuit on a Breadboard", date:"09/26/2020  
12:00 AM", url:"https://www.youtube.com/embed/kQ_mVFj1u-Y",  
tag:"youtubeVideo", description:"breadboard"},  
  
    { title:"Make Video Games from Spreadsheet Data!",  
date:"08/16/2020 12:00 AM",  
url:"https://www.youtube.com/embed/Q4tPG-cwiWE",  
tag:"youtubeVideo", description:"javascript"}  
];
```

```
let collegeLinks =  
[  
    { name:"Javascript",  
url:"https://collegeofscripting.weebly.com/javascript.html", },  
  
    { name:"JavaScript Bookmarklets",  
url:"https://collegeofscripting.weebly.com/bookmarklets.html", },  
  
    { name:"LSL Scripting Book",  
url:"https://collegeofscripting.weebly.com/lsl-scripting-  
book.html", }  
];
```

```
let collegeBooks =
[
  { name:"Papercliptronics", image:"https://m.media-
amazon.com/images/I/51cdZyRYXVL._SX260_.jpg",
url:"https://www.amazon.com/Papercliptronics-Homemade-
Electronic-Circuits-Paperclips/dp/1658209303/ref=sr_1_2?
keywords=papercliptronics&qid=1582048776&sr=8-2"},

  { name:"LSL Book", image:"https://images-na.ssl-images-
amazon.com/images/I/41YE35agtNL._SY498_BO1,204,203,200_.jp
g", url:"https://www.amazon.com/LSL-Scripting-Book-Computer-
Programming/dp/B084DG7ZFD/ref=sr_1_fkmr0_1?
keywords=lsl+scripting&qid=1582049598&sr=8-1-fkmr0"},

  { name:"Topalian Game Engine Data Navigator",
image:"https://m.media-amazon.com/images/I/41kybfYNoYL.jpg",
url:"https://www.amazon.com/dp/B08JK7D67L"},

  { name:"JavaScript Bookmarklet Advanced Programming",
image:"https://images-na.ssl-images-amazon.com/images/I/51lot6
4KYcL._SX384_BO1,204,203,200_.jpg",
url:"https://www.amazon.com/JavaScript-Bookmarklet-Advanced-
Programming-Interfaces/dp/B088JFN2BL"},

  { name:"JavaScript Video Investigator",
image:"https://m.media-amazon.com/images/I/51EeQ4sNVnL._SY
346_.jpg", url:"https://www.amazon.com/CREATING-JAVASCRIPT-
APPLICATIONS-Video-Investigator/dp/B088N5G5GV"},

  { name:"JavaScript Missing Persons Database",
image:"https://m.media-amazon.com/images/I/519eyD-37IL.jpg",
url:"https://www.amazon.com/CREATING-JAVASCRIPT-
APPLICATIONS-Missing-Database/dp/B088N4XYDY"},
```

```
{ name:"True Artificial Intelligence", image:"https://m.media-amazon.com/images/I/414nBuW6oaL._SY346_.jpg",
url:"https://www.amazon.com/dp/B08975HFJK"},

{ name:"Real Logic",
image:"https://m.media-amazon.com/images/I/414T-Y2usWL.jpg",
url:"https://www.amazon.com/Real-Logic-Evidence-Foundation-Reason-ebook/dp/B08JQPZT6H/"},

{ name:"Mind Simulation Science", image:"https://m.media-amazon.com/images/I/41cfXtacGvL.jpg",
url:"https://www.amazon.com/Mind-Simulation-Science-Foundation-Intelligence-ebook/dp/B08K7L9F3Q"},

{ name:"Human Safety Manual", image:"https://m.media-amazon.com/images/I/51RzxUVo7FL.jpg",
url:"https://www.amazon.com/Human-Safety-Manual-Christopher-Topalian-ebook/dp/B08B515RPL"}
];

let ourVideoFiles =
[
  { title:"Central Records Complex Opens to House FBI Files",
type:"mp4", date:"08/14/2020 12:00 AM",
url:"https://www.youtube.com/watch?v=WsOFxqB3U3A",
url2:"https://collegeofscripting.weebly.com/uploads/6/4/4/8/64482293/central_records_complex_opens_to_house_fbi_files.mp4",
tag:"personal", description:"personal", starttime:"00:00:05",
endtime:"00:00:10", kind:"video"},

  { title:"FBI Special Agents Your Expertise Fits", type:"mp4",
date:"03/10/2020 12:00 AM", url:"https://www.youtube.com/watch?v=8C973Mi8caQ",
url2:"https://collegeofscripting.weebly.com/uploads/6/4/4/8/64482293/fbi_special_agents_your_expertise.fits.mp4", tag:"personal",
```

```
description:"personal", starttime:"00:00:11", endtime:"00:00:17",
kind:"video"},

{ title:"Video Simulation Team", type:"mp4", date:"04/26/2011
12:00 AM", url:"https://www.youtube.com/watch?
v=84bIBZFFVYk",
url2:"https://collegeofscripting.weebly.com/uploads/6/4/4/8/64482
293/video_simulation_team.mp4", tag:"personal",
description:"personal", starttime:"00:00:00", endtime:"00:00:20",
kind:"video"},

];
```

```
let techVideos =
[
{ title:"How To Make a Water Pump From DC Motor at Home | DC
Motor Ideas", date:"03/31/2020 12:00 AM",
url:"https://www.youtube.com/embed/qnhReMd7dAk",
tag:"youtubeVideo", description:"water pump"},

{ title:"Simple Homemade DIY Water PUMP", date:"09/22/2020
12:00 AM", url:"https://www.youtube.com/embed/9fwo_VEMKos",
tag:"youtubeVideo", description:"water pump"},

{ title:"How To Make Water Pump 12V At
Home/Centrifugal/WaterProof/PROPELLER BIG
60mm/775/288W/V14", date:"08/11/2020 12:00 AM",
url:"https://www.youtube.com/embed/JS828t-63HI",
tag:"youtubeVideo", description:"water pump"}
];
```

```
let bdaBoxingComments =
[
{   title:"Lomachenko fans making excuses like the LDBC/Wilder
fanboys?",   date:"10/21/2020 12:00 AM",
url:"https://www.youtube.com/embed/JZpvDUeUU24",
tag:"youtubeVideo",   startTime:"00:04:20",
```

```
endTime:"00:05:20", description:"shoulder excuse",
words:"BDA cites the shoulder injury excuse. BDA attempts
to excuse the excuse by citing the source of the report.",
name:"BDA", },  
  
{ title:"Lomachenko fans making excuses like the LDBC/Wilder
fanboys?", date:"10/21/2020 12:00 AM",
url:"https://www.youtube.com/embed/JZpvDUeUU24",
tag:"youtubeVideo", startTime:"00:04:44",
endTime:"00:05:44", description:"funny", words:"Bucho
claims that he found NO channels making excuses for
Lomachenko. Bucho name calls any person making excuses for
Lomachenko, as PSYCHOS. Bucho says there are a lot of
PSYCHOS and redefines channels to mean: MAJOR Boxing
Channels.", name:"Bucho", },  
  
{ title:"Lomachenko fans making excuses like the LDBC/Wilder
fanboys?", date:"10/21/2020 12:00 AM",
url:"https://www.youtube.com/embed/JZpvDUeUU24",
tag:"youtubeVideo", startTime:"00:06:48",
endTime:"00:07:48", description:"shoulder excuse",
words:"BDA cites the shoulder injury excuse. BDA attempts
to excuse the excuse by citing the source of the report. BDA also
attempts to excuse the excuse by claiming that the excuse had to
be announced or else Lomachenko HATERS, would call
Lomachenko a LIAR, for not citing the excuse.", name:"BDA", }
];  
  
let papercliptronics =
[
{ title:"Papercliptronics", date:"12/27/2020 12:00 AM",
url:"https://collegeofscripting.weebly.com",
image:"https://papercliptronics.weebly.com/uploads/1/2/4/5/12455
0648/firsta_orig.png", info:"texture", tag:"book",
description:"electronics"},
```

```
{ title:"Papercliptronics", date:"12/27/2020 12:00 AM",
url:"https://collegeofscripting.weebly.com",

image:"https://papercliptronics.weebly.com/uploads/1/2/4/5/12455
0648/electronicsbook-1.png", info:"texture", tag:"book",
description:"electronics"}
];

let javascriptBook1 =
[
{
title:"JAVASCRIPT BOOK A", date:"10/07/2020 12:00 AM",
url:"https://collegeofscripting.weebly.com/javascript.html",

image:"https://javascriptbook.weebly.com/uploads/7/6/4/0/764076
57/000-javascriptbooka-title_orig.png", info:"texture",
tag:"book", description:"javascript"},

{
title:"JAVASCRIPT BOOK A", date:"10/07/2020 12:00 AM",
url:"https://collegeofscripting.weebly.com/javascript.html",

image:"https://javascriptbook.weebly.com/uploads/7/6/4/0/764076
57/javascript-a-1.png", info:"texture", tag:"book",
description:"javascript"}
];

let javascriptBook2 =
[
{ title:"JAVASCRIPT BOOK B", date:"12/27/2020 12:00 AM",
url:"https://collegeofscripting.weebly.com",

image:"https://javascriptbook.weebly.com/uploads/7/6/4/0/764076
57/javascript-b-1.png", info:"texture", tag:"book",
description:"javascript"},
```

```
{ title:"JAVASCRIPT BOOK B", date:"12/28/2020 12:00 AM",
  url:"https://collegeofscripting.weebly.com",
  image:"https://javascriptbook.weebly.com/uploads/7/6/4/0/764076
57/javascript-b-2.png", info:"texture", tag:"book",
  description:"javascript"}
];
```

```
let logicBookA =
[
  { title:"LOGIC A", date:"10/07/2020 12:00 AM",
    url:"https://collegeofscripting.weebly.com",
    image:"https://logicscience.weebly.com/uploads/1/3/5/6/13565335
5/logic-a-1.png", info:"texture", tag:"book",
    description:"logic A"},
```

```
  { title:"LOGIC A", date:"08/01/2018 12:00 AM",
    url:"https://collegeofscripting.weebly.com",
```

```
  image:"https://logicscience.weebly.com/uploads/1/3/5/6/13565335
5/logic-a-2.png", info:"texture", tag:"book",
  description:"logic A"}
```

```
[;
```

```
let logicBookB =
```

```
[
  { title:"LOGIC B", date:"10/07/2020 12:00 AM",
    url:"https://collegeofscripting.weebly.com.html",
```

```
  image:"https://logicscience.weebly.com/uploads/1/3/5/6/13565335
5/logic-b-1.png", info:"texture", tag:"book",
  description:"logic B"},
```

```
  { title:"LOGIC B", date:"08/01/2018 12:00 AM",
    url:"https://collegeofscripting.weebly.com.html",
```

```
image:"https://logicscience.weebly.com/uploads/1/3/5/6/13565335  
5/logic-b-2.png", info:"texture", tag:"book",  
description:"logic B"}  
];  
  
let logicBookC =[  
 { title:"LOGIC C", date:"10/07/2020 12:00 AM",  
 url:"https://collegeofscripting.weebly.com/javascript.html",  
  
image:"https://logicscience.weebly.com/uploads/1/3/5/6/13565335  
5/logic-c-1.png", info:"texture", tag:"book",  
description:"logic C"},  
  
 { title:"LOGIC C", date:"08/01/2018 12:00 AM",  
 url:"https://collegeofscripting.weebly.com/javascript.html",  
  
image:"https://logicscience.weebly.com/uploads/1/3/5/6/13565335  
5/logic-c-2.png", info:"texture", tag:"book",  
description:"logic C"}  
];  
  
let science = [  
 { title:"SCIENCE", date:"10/07/2020 12:00 AM",  
 url:"https://collegeofscripting.weebly.com",  
  
image:"https://logicscience.weebly.com/uploads/1/3/5/6/13565335  
5/science-1.png", info:"texture", tag:"book",  
description:"science tutorial"},  
  
 { title:"SCIENCE", date:"08/01/2018 12:00 AM",  
 url:"https://collegeofscripting.weebly.com",  
  
image:"https://logicscience.weebly.com/uploads/1/3/5/6/13565335
```

```
5/science-2.png", info:"texture",      tag:"book",
      description:"science tutorial"}  
];  
  
let mathematics =  
[  
  { title:"MATHEMATICS", date:"10/07/2020 12:00 AM",
    url:"https://collegeofscripting.weebly.com",
    image:"https://logicscience.weebly.com/uploads/1/3/5/6/13565335
5/mathematics-1.png", info:"texture",      tag:"book",
      description:"math tutorial"},  
  
  { title:"MATHEMATICS", date:"08/01/2018 12:00 AM",
    url:"https://collegeofscripting.weebly.com",
    image:"https://logicscience.weebly.com/uploads/1/3/5/6/13565335
5/mathematics-2.png", info:"texture",      tag:"book",
      description:"math tutorial"}  
];  
  
let simulation = [  
  { title:"MIND SIMULATION", date:"10/07/2020 12:00 AM",
    url:"https://collegeofscripting.weebly.com",
    image:"https://logicscience.weebly.com/uploads/1/3/5/6/13565335
5/simulation-1.png", info:"texture",      tag:"book",
      description:"mind simulation"},  
  
  { title:"MIND SIMULATION", date:"08/01/2018 12:00 AM",
    url:"https://collegeofscripting.weebly.com",
    image:"https://logicscience.weebly.com/uploads/1/3/5/6/13565335
5/simulation-2.png", info:"texture",      tag:"book",
      description:"mind simulation"}  
];
```

```
let human =
[
  { title:"HUMAN SAFETY MANUAL", date:"10/07/2020 12:00 AM", url:"https://collegeofscripting.weebly.com",
    image:"https://logicscience.weebly.com/uploads/1/3/5/6/135653355/human-a-1.png", info:"texture", tag:"book",
    description:"human safety manual"},

  { title:"HUMAN SAFETY MANUAL", date:"08/01/2018 12:00 AM", url:"https://collegeofscripting.weebly.com",
    image:"https://logicscience.weebly.com/uploads/1/3/5/6/135653355/human-a-2.png", info:"texture", tag:"book",
    description:"human safety manual"}
];
```

---

# **CODE TopalianSpreadsheetToJavascript019.html**

---

<!-- Dedicated to God the Father -->  
<!-- All Rights Reserved Christopher Topalian Copyright 2020-  
2021 -->

<!-- Topalian Spreadsheet To Javascript -->

<!-- Open this page in your web browser -->  
<!-- Paste your spreadsheet data into the text area -->

<!-- Copy the converted text that appears on the screen -->  
<!-- Paste the converted text into TopalianData.js -->

<!-- The spreadsheet data we paste is ONE Array of Objects at a  
time  
which means one spreadsheet at time -->

<!-- For example, we can paste the spreadsheet named theNews  
into theNews array of TopalianData.js. Then we would paste the  
videoEvidence spreadsheet into the videoEvidence array of  
TopalianData.js. We update data one spreadsheet at a time. We do  
this because each array is different and has different  
requirements -->

<!-- This script makes it very easy to add data to our  
game/website.

We add the data to our spreadsheet, which we can sort anyway  
we want using the spreadsheet tools. Then we just convert that  
spreadsheet data to javascript format using this script here, and  
we paste the converted data into our TopalianData.js file, one  
spreadsheet at a time into one array at a time -->

<!-- If your title or name has a double quote " change the double quote to a single quote instead, because we are already using double quotes to contain each string -->

<!-- CORRECT: "Earth 'seems' nice"  
NOT CORRECT: "Earth "seems" nice"

as you can see, the double quote usage in the title, would have ended the string before the end of the actual title. -->

```
<html>
<head>
<style>

#pasteDataHere
{
    position:absolute;
    left: 100px;
    top: 120px;
    height: 25%;
    width: 80%;
    box-sizing: border-box;
    background-color: rgb(240,240,240);
    border-radius:6px;
    border:3px solid rgb(0,0,0);
    border-color: black;
    cursor:pointer;
    color:black;
    font-size:14px;
    padding:9px 9px;
    text-decoration:none;
}
```

```
#displayData
{
    position:absolute;
```

```
    left: 100px;
    top: 290px;
    height: 25%;
    width: 80%;
    box-sizing: border-box;
    background-color: rgb(240,240,240);
    border-radius:6px;
    border:3px solid rgb(0,0,0);
    border-color: black;
    cursor:pointer;
    color:black;
    font-size:14px;
    padding:9px 9px;
    text-decoration:none;
}
```

```
#copyButton
{
    position:absolute;
    left: 200px;
    top: 460px;
    width: 100px;
    background-color: rgb(0, 77, 129);
    font-family: exo black;
    font-size: 26px;
    color: white;
    border-radius: 7px;
}
#copyButton:hover
{
    background-color: rgb(36, 135, 201);
}
```

```
#titleText
{
    position:absolute;
```

```
    left: 100px;
    top: 20px;
    font-family: exo black;
    font-size: 40px;
    color: white;
}

#instructions
{
    position:absolute;
    left: 125px;
    top: 75px;
    font-family: tahoma;
    font-size: 26px;
    color: white;
}

body
{
    background: rgb(104, 104, 104);
    background-image:
url("https://collegeofscripting.weebly.com/uploads/6/4/4/8/644822
93/stars-nice_orig.png");
    background-repeat: repeat;
}

</style>
</head>

<body onload="whenLoaded();">

<script>

function whenLoaded()
{
```

```

document.getElementById("pasteDataHere").addEventListener("input", processSpreadsheetData, false);
}

function processSpreadsheetData()
{
    let ourData =
document.getElementById("pasteDataHere").value;
    ourData.trim();

    for (let j = 0; j < ourData.length; j++)
    {
        //ourData = ourData.replace("**", "\");//replace ** with "
        ourData = ourData.replace(/\\"s/g,'>'); //trim white space
        ourData = ourData.replace(/\s\"/g,'>'); //trim white space
    }

    //var test =
document.getElementById("displayData").innerHTML=ourData.split(/\}/).join('}'+ '<br><br>');
    var test =
document.getElementById("displayData").innerHTML=ourData.split(/\}/).join('}'+ '\n');
}

function copyIt()
{
    let copyText = document.getElementById("displayData");
    copyText.select();
    copyText.setSelectionRange(0, 1000000);
    document.execCommand("copy");
    alert("Successfully COPIED. \nNow PASTE it in
TopalianData.js");
    //alert("Successfully Copied " + copyText.value);
}

```

```
</script>

<div id="titleText">Topalian Spreadsheet To Javascript
Converter</div>
<div id="instructions">Paste Data Into the Text Area
Below</div>

<textarea id="pasteDataHere" placeholder="Paste Here"
rows="4" cols="50" type="text">
</textarea>

<br>

<button id="copyButton" onclick="copyIt();">COPY</button>

<textarea id="displayData"></textarea>
</body>
</html>
```

---

# Dedicated to God the Father

This book is created by the  
College of Scripting Music & Science.

We have taught over 2 million people how to program  
computers for free in a virtual world named Second Life for  
over a decade.

Feel free to visit the college and learn scripting in a 3d  
Virtual World.

Remember to check the GitHub for the App's latest Version:  
[https://github.com/ChristopherTopalian/  
TopalianGameEngineDataNavigator](https://github.com/ChristopherTopalian/TopalianGameEngineDataNavigator)

and also check the ScriptingCollege Youtube channel for  
more instruction on how to use the application:  
[www.youtube.com/ScriptingCollege](http://www.youtube.com/ScriptingCollege)

**HAPPY SCRIPTING!**

Always Remember that the more Code that you Write with a  
Pencil and Paper and Type with your Keyboard, the deeper  
you will learn computer programming!