

Assignment 2: TV Guide

To do this assignment I have followed the detailed structure:

1. `assignment2.whenclicked=function()`

This is the function that allows us to call the other 2 main functions that made the AJAX requests and download the data. This function that is a click is going to be executed only once. I have used the jQuery function `.one()` to do this. When we click the load data button we change the main divs classes to have the CSS3 transition that allows us to do not have the information just do 'pop'. Then, we call the other functions that we explain afterwards that are 2 AJAX requests: one for the episodes and the other for the shows.

Moreover, this function will only be executed once the document is ready. To do this I have coded the following:

```
//invoke the event when page ready  
  
$(document).ready(assignment2.whenclicked);
```

2. `assignment2.episodes=function()`

This function allows us to download the information from the episodes.json making an AJAX request. We are going to make a single div for each episode downloaded. To do this we have done the following:

```
$(parsedepisodes).each(function(index,val){  
  
    for(index=0;index<$(parsedepisodes).length;index++){  
  
        var div=$("<div></div>");
```

When we have the div created to each of the downloaded episodes we write the information needed such as the title, the show it comes from and the season.

To finish this function, we have used the each that we had to make the selector and change the color to red when we click the button that I have called "See season". This is the code to build this functionality:

```
//Season selector

var episodeSeason=$('#<p>'+ "Season: " +val.episode.season+'</p>');
$(div).append(episodeSeason);

//When clicked turn the color to red
$(seeSeason).one("click",function(event){

    $(episodeSeason).css("color","red");

});//one
```

3. assignment2.shows=function()

This function that is another AJAX request to download the information from shows.json is built using the same structure as the assignment2.episodes function. I have also created a single div for each shows downloaded and inside this div I have created a “Read more” button to download and display more information about the shows. This is the code to build this functionality:

```
//Load more
var yearCountry=$('#<p>'+val.year + " " + val.country+'</p>');
var seelt=$('#<h3>'+ "You can watch it : " + '</h3>');
var netdaytime=$('#<p>'+val.air_day + " " + val.air_time+ " on " +val.network+ '</p>');
var urltext=$('#<h3>'+ "Want more? " + '</h3>');
var url=$('#<h4>'+ val.url+'</h4>');

var readMore=$('#<button/>', {text:'Read More',id:'readMore',click:function(){

    $(div).append(yearCountry);

    $(div).append(seelt,netdaytime,urltext,url);

}});

$(div).append(readMore);
```

4. CSS and CSS3

I have attached the CSS and CSS3 properties into the style.css file. I have animated the logo with a rotate animation using its described div. I have also made the CSS3 transition to make the information appear without doing only ‘pop’. I have also included a data transition to make the div for the episodes change color and background color once you hover into them. Moreover, I have included some CSS3

properties to make the episodes div appear into 3 columns. Lastly, I have used some Google fonts to make the assignment beautiful.