****Deliverables:****

* Submit the URL to ps2-3.html online
* Submit all code files and your json file.

Note:  Each part of this assignment is cumulative. Ie., you should do each part in order.  Create a file called ps2-3.html with links to json1.html, json2.html and json3.html

****Part 1:  Create a JSON****  
Create a JSON to represent a song list.  Each song should include the title, the artist, the year the song was released and one or more music genres (genre could be country, rock, pop, metal, ska, etc).  The genres should be stored as an array within the JSON.

Include at least 10 songs. The data must be real.  You must have songs from at least 3 genres and at least 3 artists.  At least one song must have more than one genre.

Create a file called json1.html

Place the JSON object at the top of the file - it should be assigned to a variable.

Convert the json to a string and display the raw data.

****Part 2: Read the JSON from a file****  
Using the same data, create a file called songs.json.  It should have the JSON object only – you may not have any variable assignments in this file.

Create an html file called json2.html

At the beginning of json2.html,  read the songs.json data using $.get and store in a variable.

Display all of the json data on the page in a <div> section (hint use the innerHTML property)  
The format should be similar to:

****Who Loves You****  
Artist: The Four Seasons  
Genre: rock, disco  
Released 1975

****Part 3: Filter the data****

Create an HTML file called json3.html.

At the beginning of json3.html, read the songs,json data and store in a variable.

Create a form that allows the user to pick a genre plus a button labeled "Filter".

The form should have a drop-down box (<select>) listing the possible genres. The genres should be from the JSON data that was read in (it must NOT be hard coded).

When the user clicks the "filter" button, display song titles from songs with the selected genre within a div on the page.  Do not display any other data for each song other than the title.

Use JQuery as much as possible for this part.  For example. use it to read the form elements, to assign the event handler, and to write to the page.