Tutorial Project 11

In this project, you will complete the code to create custom object classes and then use them to create a table of favorite CDs on a Web page**.**

1. Download the data files for this project into a folder that you name tutorial11solution.
2. Open **favorites.htm** in a simple text editor and save as **tutorial11solution.htm**.
3. Open the **cdForm.js** file in a simple text editor.
4. Open the **myCDs.js** file in a simple text editor.
5. Insert comments in all files that designate you as the author of the files.
6. Review **tutorial11solution.htm**, paying attention to the names and ids of the various elements.
7. In **myCDs.js**, complete the **CD** class object by completing the following:
   1. Have it accept an id, title, artist, genre, producer, and year as arguments and then add them to the class as properties.
   2. Create a **yearsOwned** method as a property that takes the year property and subtracts the current year from it. It should return the result.
8. In **myCDs.js**, complete the **CDlist** class object by completing the following:
   1. Add the **nextID** property and initialize its value to 1.
   2. Add the **current** property and initialize its value to 0.
   3. Add the **CDs** property and make it a new array.
   4. Create an **addCD** method as a property that adds a CD instance to the CDs array using nextID for the id value. It should then set current equal to nextID and then add 1 to nextID.
9. In **cdForm.js**, complete the **init** function by doing the following:
   1. Add the **addList** function as a nested function that does the following:
      1. Gets the current CD info from the **cdForm** form in tutorial11solution.
      2. Adds the current CD info to the **myCDs** variable.
      3. Creates a new table row for the **myFavTable** table using the current CD info from the **myCDs.CDs** array **myCDs.current**.
      4. Clears out the **cdForm** form elements.
      5. Appends the new table row to **myFavTable**.
10. Test your finished code in a browser. Make corrections as necessary.
11. Print a copy of **cdForm.js** and **myCDs.js**.