**20%**

AWD 1000 HOT Ch. 2-3 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* **Complete each challenge below on its own individual HTML page inside the "tests/JS\_HOT1" directory in your local repo.**
* **All code submitted must be your original work.**
* **You have 4 hours to complete this test. Good Luck!**

# Challenge 1 - Favorite Movie List

❏ Create an array named **"favoriteMovies"** that holds **3** of your personal favorite movies. \_\_\_\_\_ / 5pts

❏ Ask the user to enter their favorite movie into a text box. Have them click a button to add the movie to the existing array. \_\_\_\_\_ / 5pts

❏ Use a **for loop** to print the movies stored in the array to the same page that contains the textbox. (This must happen when you click the add button described above.) \_\_\_\_\_ / 10pts

# Challenge 2 - Age Verification

❏ Ask the user to enter their age in a textbox and click a button to verify their age. \_\_\_\_\_ / 5pts

❏ If the user is **21 or older,** display a message saying **"Welcome to the venue!"** \_\_\_\_\_ / 5pts

❏ If the user is **under 21,** display a message saying **"You're not old enough!"** \_\_\_\_\_ / 5pts

❏ If the user does not enter an **integer,** display a message saying **"Please enter your age!"** \_\_\_ / 3pts

❏ If the user enters an age **below 1 or above 200,** display a message saying **"Age out of range!"** \_\_\_\_ / 2pts

# Challenge 3 - Song Lyrics

❏ Ask the user to enter a number 1-3 and click a button \_\_\_\_\_ / 5pts

❏ Display one of the following messages, depending on what they entered:

\_\_\_\_\_ / 5pts

❏ 1 - "One is the loneliest number that you'll ever do."

❏ 2 - "Two can be as bad as one. It's the loneliest number since the number one."

❏ 3 - "There is no three."

❏ If the user types a string value the program should display “Please enter a number, not a word.” \_\_\_\_\_ / 5pts ❏ For all other numeric entries display "You didn't enter a valid number." \_\_\_\_\_ / 5pts

Challenge 4 - Odd Numbers

❏ Print the odd numbers starting at 1 and 100 using a for loop. \_\_\_\_\_ / 20p

# Challenge 5 - Multiples of X

❏ Print the following numbers between 1 and 100 using a for loop. \_\_\_\_\_ / 20pts 15,30,45,60,75,90

1/1