**Use your textbook, notes, and the internet to complete the following test in 3 hours or less.**

**All code submitted must be your original work. Code must be uploaded to GitHub in a folder named JS\_HOT1 for grading.**

***Complete each challenge on its own individual HTML page inside the JS\_HOT1 repo.***

### Challenge 1 - Favorite Movie List

* Create and 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.

\_\_\_\_\_ / 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** then display a message saying **"Please enter your age!"** \_\_\_ / 3pts
* If the user enters an age **below 1 or above 200** then 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 while 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