WEEK 2 ASSESSMENT

CSS & VANILLA JAVASCRIPT

# IN YOUR TEXT FILE, WRITE THE CODE TO COMPLETE THE FOLLOWING

1. What flex property causes flex items to be laid out on multiple lines rather than just one?
2. Write a media query that adds styles for viewport sizes of 768px or wider.
3. Explain the differences between inline, block, and inline-block. Give an example of each.
4. Write the CSS selector for all paragraph tags that are nested inside a div with the class of “container”.
5. Declare a function called printDetails that accepts a parameter. Inside the function’s code block, log the parameter to the console. Call the function with an argument of “Grand Circus”.
6. Aside from string and number, name three other data types in JavaScript.
7. Create a for loop that logs all odd integers from 9 to 33 to the console.
8. Declare a variable called detroitTeams, initialize it as an array of strings with the values “Tigers”, “Lions”, “Pistons”, and “Red Wings”. Use the forEach method to log each element of the array to the console.
9. What method would you use to create an HTML element in JavaScript?
10. Declare a variable phoneBook, initialize it as an array of objects. Each object should have properties of name and number. Add an object for each of the following people. Loop through the array and log each number to the console.

name: “Grant Chirpus”

number: 3133382780

name: “Taylor Swift”

number: 1234567890

name: “Rocky Balboa”

number: 1238675309

name: “Indiana Jones”

number: 5555555555

CODE CHALLENGE

You are given two designs below. One is the design of a sign-in form and the other is of a welcome container that will display once a user signs in with the correct credentials. You are responsible for creating the HTML, CSS, and JavaScript necessary to complete this task.

HTML AND CSS

The HTML and CSS should minimally include:

1. A form with inputs with placeholders and a button.
2. Correct background color on the body and on the button. (◼ black)
3. Two hover states.
4. Center your form on the page.
5. Correct link styling. (◼ #cccccc)

JAVASCRIPT

Given the e-mail and password below, construct the following functionality.

email: “[coolguy@gmail.com](mailto:coolguy@gmail.com)”

password: “ILoveCoffee”

name: “Grant Chirpus”

1. Create an object called “user” in your script.js file that stores the name, email, and password given above.
2. Clicking the “Sign in” button, execute a function called checkLogin().
3. The checkLogin() function will check if the values of the e-mail and password inputs match the e-mail and password properties of the object “user” you previously created.
4. If the condition is true, hide the sign-in form and show the welcome message container.
5. If the condition is false, alert the user that the sign-in credentials are incorrect.



