Week 3-1 Notes and Extra Credit

I was present at this class @ 8pm-9pm as cell service would allow on April 12, 2021.

Assignment=Mission Control Operator Login:100 pts. where we code the Login page for our website. You need to add color gradient to login.js file, and add Pinache!!! Not bare bones.

Comment on all lines of Code!

Turn it in on Github. Put questions into the chat

\*\*\*IT”S REALLY IMPORTANT TO HAVE A REGIMENTED DIRECTORY\*\*\*

Slides:Security

For Our Assignment

-User inputs first name and last name

-String must be less than 20 char

-User input badge number

-Must be 3 digits and greater than 0

Slide:Security:Security is very important

-input validation is on part

-whitehatsec.com=website for security.

-if you put in a 10,000 character password, it’ll mess the computer up.

-to prepare for a buffer overflow attack or something, we do input validation.

-we’re adding a login page to our existing page.

-this week we get rid of alert function

-loop timer= 15 lines of code

-old way = 35 (15:00)

-using html you always have to begin with

<!DOCTYPE html>

-Altl+Shift+F=CLEANUP (use it)

-Add Pinache/color/gradient/ etc to login page before submitting it

//when you type value; it'll try to insert Nodevalue, DON"T LET IT!

-Even if you typed Value instead of value, it’d be wrong and would not work. Just do 1 and COPY AND PASTE ALL OTHERS!

-Edge isn’t going to work for this coding project, Chrome or Firefox will

=remember, to do OR in js, you do || or Pipe Pipe. It’s the key above the Enter key

-remember that &=&& (to do an and , you use &&)

-(else if) is better than (if)

//} else if statements create a series of gates.  if the code fails it enters the text in the docment.get element by id line.  if it passes, it can go on to the next parameters and pass/fail there

30:00 in: First Name: LastName: Badge Number

38:26 Variable become LIGHTER when they’re being used.

-to add a space in the webpage, just go from

var fullName = firstName + lastName

to

 var fullName = firstName + " " + lastName

adding a + and “ “ does it.

40:00-don’t forget to do comments on every line of code. // starts the comment in javascript.

-Functions must have parenthesis () in order to work properly

41:30 minutes in= If/then statements. I.E. if name is longer than 20 characters, it’s invalid

If()

if(fullName.length) > 20 {

        //if true

        document.getElementById("loginStatus").innerHTML = "Full name has too many characters!";

    }

OR= ||

And = &&, it’s the Shift+7 keys

 if(fullName.length < 21 && fullName.length > 1 && badgeNumb < 1000 && badgeNumb > 0){

        alert("Access Granted! Welcome " + fullName);

        location.replace("index.html");

Extra Credit Assignment

What new ideas or technologies did you learn this week?

How to code a welcome page/access page with credentials

What did you find the most useful?

How to add space in between credentials on a webpage

What did you find the most confusing?

Fullfilling all the requirements for a function properly.

What surprised you most about class this week?

That I was able to get through the assigment relatively easily.

What do you wish you had done differently?

I wish I learned this stuff in high school.

What do you wish you could tell "past you" to help "present you" code in a more manageable fashion?

the && vs || is important and == vs = is as well

What will you do so that "future you" improves as a programmer?

Continue to not use drugs

How do you plan to use what you learned this week in the future?

I’m going to try building a personal/business website after the class is over with.