Wk1-1 Notes from video lecture

CSC102-D21MAR29Wk1-1 Online Class Lecture Notes with Matt Prater

By:Trevor Satrom

-Mirepoix of World Wide Wide (Internet)= HTML, CSS, and JavaScript.

-We will make a UATSpace page

-mprater@uat.edu or TEAMS. TEAMS is FASTER

-html=user interface

-css=cascading style sheets: the style of your webpage, like background image, etc.

-JavaScript =PROGRAMMING... You could use html but it'd be painful.

-create a pwa or progressive web app for the UAT space program

-launches every 4 months.

-On campus students= 1%/day penalty for late work. Online class is more intense, 2 week LIMIT! Not accepted after that. Class in only 5 weeks TOTAL!

-May=end of term...if Failing then, take an I

-If stuff happens, contact him on TEAMS, NOT CANVAS!

2 things you shouldn't trust Microsoft to do: 1=Web Browser 2=surface, music, etc.

-We use visual studio code (not VS). Should be relatively easily.(24:15 of 1:06:20)

1-go to extensions (block with square lifting). Click and look for liveserver by ridwick day. Install

2-Camel case= onlineCode (small letter first word, Cap letter all subsequent)

3-create Wk1-1 folder to save folder in.

4-File-New File-save as index.html (29:50)

5-HTML uses document tags. These indicate portions of the document. It starts with a < sign.

6- CTRL + Z= Undo Last

7-HTML files talk to web browser, like internet explorer, google chrome, Firefox, etc.

8- Everything between <html> and </html> is your HTML page. Press Enter 5 times to get some SPACE in your Page.

9-There are 2 parts to HTML. PART1=HEAD PART 2=BODY. (34:07/1:06:20)

10-CTRL + S= BEST WAY TO SAVE AS YOU GO

11-RIGHT CLICK ON INDEX.HTML + OPEN WITH LIVE SERVER= VIEW WEB PAGE AS IS

12- h1= BIG BOLD TEXT

13-Alt + Shift + F=FORMAT the PAGE

14- use COMMENTS to help you remember you were thinking at the time.

15-when things get complicated, youll want comments

16-in HTML, to do a comment , you do a <!-----> ...Comments in HTML show up in GREEN...

17- MULTI LINE COMMENT= <script>

//this is a JavaScript comment

/\*this is a multi line JavaScript comment\*/

<script> (46:27)

18-<button>. .......<

19-CTRL +X= Cut. CTRL +V=Paste

20- Header= h1 (large text) or h2 (not so large text)

21-Paragraph tags= <p>......</p> (53:20)

22-Alert= pop up window or click box, gotta click "OK" to proceed. Alert is JavaScript, and must be done in a Script window. I.E. <script>alert("this is a test of the alert function")</script>

23-take MULTIPLE LINES to make the overall document easier to read.

24-whenever you have a JS command, you need a TERMINATOR...this is a ; ALT+SHIFT+F = CLEANUP. (56:51)

25-document.write(this is a test of the document.write function");

26-to do a LOGO= <img src="UATspaceLogo.jpg">

27-<button>Start</button<button>Stop</button. (CTRL +S to save)

28-you have to put a <br> to add a BREAK. Add 2 BREAKS to add 3 breaks altogether.

**WK 1-2 and Assignment: Efficiency at Mission Control**

**\*Submit you .html source file (s) for this assignment and any other source files or images used!!!**

**\*Submit a print screeen of your program running (see screenshots!)**

29-his will be different bc we’ll be going from 10 to 0, he’s going from 5 to 0

30-ALWAYS START by OPENING THE PROGRAM, if you go from file explorer it won’t work

31-don’t need to download anything for js, just java.

32-Working with Javascript Slide- in javascript use to VAR command

33-variable name may contain letter, numbers, underscores, and dollar signs:must be a letter

34-variable can equal number, i.e. var x = 5

35-variable can equal strings, i.e. var car type=”porsche”;

36-<script></script> = creating a js command.

37- <script>

        //creating a countdown function to count from 5 to 1 then blastoff

        function countDown() {

            var count = 5

            //starting countdown at 5

            document.getElementById("countDownTimer").innerHTML = count;

            count = count - 1;

        }

    </script>

Is how you create a countdown function.

38- a document.write(count); command prints a number to the screen of the webpage.

39-()= parenthesis ;;;;; “” are apostrophe

40-\*=asterisk

41-{=squirrely bracket}

42- can addd a .js file to hold javascript functions

43-setting a delay in javascript= **setTimeout{function(){document.write(“I have wated 3 sec”);}, 3000);**

44-**Document.write()** will give the number displayed on the screen

45-**setTimeout(function{}, time}** to give space between counts

46-use **getelementbyid** to give the number

47-it’s always a good idea to put your contact info at the top of the file

#don’t forget to turn assignments in via gethub

Hi Matt,

I’m going to try to find your lecture where you go over the process for turning in assignments on github, but I wanted to get this into you asap. I just wanted to let you know that in case you get 2 assignments from me or something.

Thanks,

Trevor