PIC 40A Review for final

1)HTML/XHTML

2) CSS: interactivity also comes from css

3) DOM

3) Javascript: to make website interactive./ controls the browser

For loops

For var i not for int I like in c++

Math.floor(1+Math.random()\*6) for numbers 1-6

var today= new Date(); // several methods we can use for date object

Such as:

getDate

getMonth

getTime

etc.

* SetTimeout (“myfunction()” , 5000);
* \*1000 ms=1s

after a certain specified amount of time has elapsed we call the function

* setInterval (“javascript ()”, 5000);
* that var e is storing the id of the repeater so then we can use that variable to clear it
* Returns id of the repeater
* ClearInterval (e) which e is the id of the repeater
* If you give it that e it stops the timer event

everytime the number of seconds has elapsed the function is called (like in intervals)

-variables declared outside of the function are Global and can be referenced anywhere

Arrays:

Contain data and have indices starting from 0 to index-1

var a1= new array(); // empty array

can be filled by:

a1[0]=”Hello”;

when using length note that the length displayed is the highest slot filled +1

-push : add at the end

-pop: remove element from end//returns the element removed

-unshift: add at the beginning

-shift: remove element from beginning //returns the element removed

- slice: like substring for arrays (end index+1)

-splice: erases a section of an array

-split: reverse of join// can split an array by a delimiter specified

-join: more general takes argument of a delimiter

Ex:

Array where each entry is a cookie

Anonymous functions

Define function on the spot without giving it a name and it may take some arguments

Then this f really becomes a function and can be called

Common in events when we want handlers

-functions can be stored in arrays

\*review anonymous functions a bit more

DOM: Representation of the webpage in the browsers memory

splice:removes elements from original array

DTD :

#FIXED keyword when you require attribute and require value must contain an exact value specified by the DTD

#REQUIRED keyword when you require the attribute but allow it to take on any value

#IMPLIED keyword doesn’t require author to include attribute. (can be used if you don’t habe an option for a default value)

4) PHP

5) Ajax

6) SQL

7)XML