Day 1:

HTML -

Hyper text markup language

HTML can not complier.

Hyper -

hyper is represting next location.

ex - Home

TEXT -

Text is combitnation number, char, symbol.

ex - Amit@12345

MARKUP -

Markup is library. it contain defination of all tag.

Categories of Programming -

1. Code base programming

- base on code <HTML>

2. Form base programming

- working on tools <.net>

HTML Syntax(Tags <>) -

<b>

<u>

Types of Tags -

1. Open Tag - <> <b>

2. Close Tag - <></>

ex - <u> </u>

suppose i is close tag - <i> </i>

(/) - tag closing operator

HTML Structure -

<HTML> //Representation Web Browser

<body> //Body tag representing output location

// All tag

</body>

</HTML>

How to create first html program?

Create folder or directory(can not use space between two words)

any types of message is called inner html.

Page Management in HTML

<a></a> - it can not manage the page.

using iframe tag <iframe> full form interfrace framing.

attrubute if <iframe>

1. Height

2. Width

3. Name

Assigement 1 -

Create

Day 2:

JavaScript

1. JavaScript is use to inside the html

2. JavaScript is a case sensetive Language.

3. Scripting is used inside the head tag.

Structure of Java script -

<html>

<head>

<script language = "JavaScript">

</script>

</head>

</html>

JavaScript statement -

main()

{

statement

//Body of statement

}

if/if else/while----

{

statement

//block of statement

}

display()

{

statement

//container statement

}

JavaScript statement -

1. Output statement

output window is called document window

<html>

<head>

<script language = "JavaScript">

document.write("Welcome to my program");

alert("This is alert Box");

confirm("This is confirm statement");

prompt("Enter Your Name ");

</script>

</head>

</html>

Inside the script cannot used any type og html tag

JavaScript Variable -

1. Variable is a name of memory location where user can store different type of data value.

2. Type of varibale -

i. varient varibale //useing datatype - int a;

ii. non-varient varibale //depend on data value - a = 10;

3. Variable property - (imp)

ex - a = 10;

print a;

b = 20;

b = 30;

print b; (Overwride)

IMP - Variable Terminology -

ex - a = 10 //intialization

Variable with value

b = 20

b //Decalaration

only name of the varibale

IMP - Variable Scope -

1. Local varibale

inside the program

2. Global varibale

outside the program

How to create varibale in JavaScript -

using var keyword

syntax : var name;

var a;

var city;

castcating is a combination of message + variable value

<html>

<head>

<script language = "JavaScript">

var a = 10;

document.write(a + "<br>");

document.write("The value of a "+a);

//castcating is a combination of message + variable value

//(+) Cascading Operator

</script>

</head>

</html>

User Input Concept -

//default format of any variable is string

How to accept numerical data -

parstInt()

<html>

<head>

<script language = "JavaScript">

var a, b, c;

a = parseInt(prompt("Enter any number : "));

b = parseInt(prompt("Enter any number : "));

c = a + b;

document.write(c);

</script>

</head>

</html>

Assigment 1 :

Write a program to generate following result:

input following information from the user

name

city

state

Country

mobile

email

college

subject

mark1

mark2

mark3

mark4

mark5

logic 1 -

1. Input all data from the user.

2. display all information on computer screen with specific total.

3. display name, city, state in red color(using <font> in document.write() statement).

Assigment 2 :

4. generate the total if all subject mark > 40.

Assigment 3 :

generate the following result.

input following information from the user

name

orgnisation

dest

salary

HRA

DA

City

logic

1. calculate total salary.(total\_salary = salary + HRA + DA).

2. Check the following condition

i. totol\_salary > 5000 - Display 5% of salary amount.

ii. total\_salary > 2000 and total\_salary < 5000 - Display 2% of salary amount.

iii. Otherwise Display wait for next approval.

Assigment 4 :

input two number form the user and perform the following operation using switch case statement.

choise = 1 then perform addition of two number.

choise = 2 then perform multiplication of two number.

choise = 3 then perform subtraction of two number.

otherwise invalid.

Assigment 5 :

Input any number form the user and display table of given number

in following format

2 \* 1 = 2 .... till 2 \* 10 = 20 (10)

using while, do and for.

Program Management :

1. Condition Management

2. Flow Management (Looping)

Input % from the user and check the following condition.

per > 60 //fd//

per > 50 and per < 60 //sd//

per > 40 and per < 50 //td//

otherwise fail

Switch case statement -

case is a part of program.

switch case generally is use to option base programming.

Looping -

looping is called iteration statement.

Types of looping -

1. Variable Loop (While, do and for)

2. Object Loop (foreach)

Loop variable -

ex - i = 1;

i <= 10;

i++;

Looping is used to counter variable

1. While Loop

while loop also called as Entery control loop.

while(i <= 10)

{

document.write(i+"<br>");

i = i + 1;

}

2. do while loop

do while loop is also calles as exit control loop.

do

{

document.write(i+"<br>");

i = i + 1;

}while(i <= 10)

3. For loop

it is also called single line loop.

for(i = 1; i <=10; i++)

{

document.write(i+"<br>");

}

Day 3:

JavaScript Function :

Function is a small jobs program.

Function Seperator(IMP) -

1. Varibale seperator a, b

2. if(a>b) //Block seperator{}

{

a;

}

3. Suppose display() //Function seperator

4. Suppose b[] //Array seperator

How to create function?

syntax :

function name()

{

//Container statement

}

Types of function :

1. User define function (externsic function)

2. Build-in function (internsic function)

How access function :

display(); Semicolon(;) - is called function calling operator

1. access any type of function inside the JavaScript using button control with help of click event.

<input type="Button" value ="Submit" onclick="function\_name()">

on keyword use to activate the event.

Function approch - button to up

How to access multiple function?

using function within function concept.

ex -

function display()

{

document.write("This my first program in JavaScript Function."+"<br>");

show();

}

function show()

{

document.write("This Show Function.");

}

Assigment 1:

Generate the following result using function concept.

i. create a function - basic\_info();

display following information

name, city, email, mobile, state, country

ii. create a function - qualification();

display following information.

college, semister, branch, address

iii. create a function - exprence()

display following information.

company, designation, salary, joining

Function Parameter/Argument :

display(a)

Parameter is a special type of data use inside function

seperator a is called parameter.

Types of parameter :

1. Sender parameter (Actual parameter)

2. Receiver parameter (Formal parameter)

1. Sender parameter :

At the time of function calling(button event).

2. Receiver parameter :

At the time of function creation.

ex- function display(a)

{c

}

How to create multiple parameter :

Assigment 2 :

1. Create a function - input()

Accept following parameter.

name, city, college, branch, percent

logic

1. Check the following condition.

percent > 60 - Grade A

percent > 50 and percent < 60 - Grade B

percent > 40 and percent < 50 - Grade C

Otherwise Fail

2. Display all information with grade

Local and gobale variable concept

1. Local variable :

only use inside the program.

2. global variable :

outside the program

Assigment 3 :

1. create a function - input()

accept following parameter

name, city, college, m1, m2, m3, m4, m5

2. create a function - display()

logic : a. Display all information using display().

b. Calculate the total inside display().

c. Check the following condition

i. if total > 250 then display first Division

ii. total > 100 and total < 250 then display second Division

iii. otherwise display fail.

Assigment 4 :

1. create a function input()

accept following parameter

name, college, subject, branch, percent

2. create a function grade()

accept only percent data value.

check the following condition

a. if percent > 60 - Grade A

b. percent > 50 and less than 60 - Grade B

c. otherwise fail

3. create a function display()

print all the information using display function

How to access any type of HTML tag inside the JavaScript(IMP) :

provide id attribute

ex- <p id="p1"> </p>

<font id="f1"> </font>

<b id="b1"> </b>

Access all tag inside the JavaScript with the help of id attribute using

getElementById("id");

getElementById("p1");

getElementById("f1");

getElementById("b1");

Day 4:

How to use textbox control inside the JavaScript?

1. Provide id attribute.

2. textbox is used to value method to accepting data.

How to accept numircal data using textbox?

Assigment 1:

Create a function input()

Create a form in following format

Enter your name - textbox

Enter your college - textbox

Enter your subject - textbox

Enter mark1 - textbox

Enter mark2 - textbox

Enter mark3 - textbox

Enter mark4 - textbox

Enter mark5 - textbox

total is - textbox

your grade - textbox

button submit

logic 1 : Calculate total

2: Display grade in following condition

total > 250 - grade A

total > 150 and total < 250 - grade B

other wise fail

Assigment 2:

convert all function assigment into textbox control

4 assigment

JavaScript history handling function

String is a group of character

1. length

2. replace\*

3. replaceAll\*

4. concat

5. upperCase

6. lowerCase

7. padStart\*

8. padEnd

Assigment 3:

Create a from

Enter your name - textbox

button - length

<hr>

Enter your message - textbox

Enter your replace word - textbox

button - replace

button replaceAll

<hr>

Enter your name - textbox

Enter your surname - textbox

your data is textbox

button - concat

<hr>

Enter your digit - textbox

Enter your symbol - textbox

number of position - textbox

button - pag start

button - pad end

JavaScript Object :

DOM - document Object model

ex - document.write(), document.getElementByID(),

BOM - Browser Object Model

window Object

ex- window.opwn(), window.print()

1. HTML

1. HTML is use to make page only

2. HTML is use disconnect Arichitecture

2. JavaScript

3. CSS -

CSS

Cascading Style Sheet

Cascading -

1. CSS is used to create a sheet

2. All sheet is to be communicate multiple web pages using Cascading structure

3. HTML attribute is used to = operator

ex - height = "100"

4. CSS attribute is used : operator

ex - height : 100

5. CSS is collection of attribute

Types of CSS

1. Internal

2. External

3. Inline

4. Cross CSS

1. Inline CSS -

Inline CSS is used to HTML tag <HTML> with style attribute

Division tag (<div>)

Division is used to create Arichitecture of website.

by deafult div is used to fix position.

position = adslute(flexible)

There are following attribute -

1. id

2. style

~ backgound-color

~ height

~ width

~ top

~ left

~ position

All type of numerical data represent in pixel

Day 5 –

Day - 5

Internal CSS

1. Internal css is used to insde html page.

2.Extension of internal(.html).

3. Structure of internal css

<html>

<head>

<style type="text/css">

create CSS

</style>

</head>

<body>

</body>

<html

4. Method of internal CSS

i. Tag name method

ii. class method

i. Tag name method

tagname

{

attribute

}

ex- font

{

color:red;

}

ii. Class method

In CSS all is to created using . operator(class indication operator).

syntax - .classname

{

attribute

}

ex- .my

{

color:red;

}

How to access class inside the tag?

using class attribute.

syntax - <tagname class="classname">

ex- <font class="my"></font>

Assigment 1:

Convert all css assigment in class method

Assigment 2:

Convert all css assigment in external method

Assigment 3:

create a task using css.

Enter name - textbox

city - drop down

state - textbox

subject - textbox

m1 - textbox

m2 - textbox

m3 - textbox

m4 - textbox

m5 - textbox

total - textbox

grade - textbox

button - Submit

Design form using css - different pattern

Pratice

function

getElementByID

external css

form designing(CSS)

String handling function

test using JavaScript

Monday - Dought Clearing

C# Programming

Internal method is use to in-page concept.

User can not share one page css to an other page.

External CSS :

1. External CSS is use to out page concept.

2. Extension of external css (.css).

3. Extension CSS execute on web browser(\*imp question)

external css can not execute on web browser because is used to text format.

How to connect external css to html page?

using link tag

there are following attribute used in <link>

1. href="external.css" path of css file

2. rel="stylesheet"

3. type="text/css"

<link> is use inside the <head>

Cross CSS :

Blog

pushpakdotnet.blogspot.com