Programming Language

Hyper Text Markup Language

HTML

Benner-Lee

Tag,Attribute,Entity

1.Tag:ជាឈ្មោះកំនត់រួចជាស្រេច សំរាប់ធ្វើអ្វីមួយ

មានពីរប្រភេទ៖

Syntax:

Has content

<tagname>Content</tagname>

<h1>Welcome to see you !</h1>

Empty:

<tagname/>

<br/>

2.Attribute:ជាឈ្មោះកំនត់រួចជាស្រេច សំរាប់បំពេញបន្ថែមអោយ Tag

Syntax:

<tagname attributename=”value” …>Content</tagname>

<p>This is my paragraph!</p>

<p align=”right”>This is my paragraph!</p>

<tagname attributename=”value” …./>

<hr color=”#FF0000” color=”blue”/>

<hr size=”3px” color=”red” />

3.Entity:ជាឈ្មោះកំនត់រួចជាស្រេច តាងអោយសញ្ញាពិសេសអ្វីមួយ

Syntax: &entitiname;

>, x >y

x &gt; y

x &lt; y

\*.Form HTML

<!DOCTYPE html>

<html>

<head>

configuration

</head>

<body>

Output

Text,Image,Sound,Video,Link

</body>

</html>

-IDE:

-filename.html

4.Tag Form Text:

<h1>,<h2>,<h3>,<h4>,<h5>,<h6>

<i>,<em>,<small>

<b>,<big>,<strong>

<u>

<strike>Hello</strike>

x<sup>2</sup>

x<sub>1</sub>

<p>Hello sok</p>

<pre>hello sok</pre>

<div>Hello</div>

<span>Hello</span>

<font>

<marquee>

<center>

<br/>

<hr/>

+List

OrderList

<ol type=”1,i,I,a,A” start=”n”>

<li>Item</li>

<li>item</li>

</ol>

UnorderList

<ul type=”disc,square,circle”>

<li>Item</li>

<li>Item</li>

</ul>

DefinitionList

<dl>

<dt>Item

<dd>Descriptio</dd>

</dt>

……………………..

</dl>

Title1 :

………………

………………

Title2

………………..

………………..

Example:

Introduction

……………………..

……………………..

Loops:

……………………….

……………………….

……………………….

+Table

Tag:

<table>

<tr>

<th>

<td>

Border,

bgcolor

align

width

height

colspan

rowspan

<table border=”2px” >

<tr><th>ID</th><th>Name</th></tr>

<tr><td>1</td><td>Sok</td></tr>

</table>

5.Image

<img

src=”URL”

width=””

height=” “

align=” “

border=” “

title=”. “ />

6.Sound

<audio controls>  
  <source src="horse.mp3" type="audio/mpeg"/>

</audio>

7.Video

<video width="320" height="240" controls>  
  <source src="movie.mp4" type="video/mp4">  
  <source src="movie.ogg" type="video/ogg">  
</video>

8.Link (ចុចឆ្លង)<a>

-link in page(anchor):

<a name=”name”>

<a href=”#name”>Label</a>

-link cross page

<a href=”url”>Label</a>

Cascading Style Sheet

CSS

ជាភាសា ជួយបន្ថែមសំរស់ មានភាពទាក់ទាញ ភាពចាប់អារម្មណ៏ (style) បន្ថែមភាពស្អាតទៅអោយ Tag របស់ HTML។

រៀន CSS មានន័យថារៀនយកTag HTML មកបន្ថែមភាពស្អាត(Property) តាមតំរូវកាយើងចង់បាន។

Tags

CSS

Tags modified

សរសេរ CSS អាចសរសេរបានពីរបែប៖ Internal & External

I.Internal CSS:សរសេរផ្ទាល់ជាមួយHTML File

ពីរបែប៖ Inline & Embedded

-Inline: យក Tag ណាដែលយើងចង់តែងមកដាក់attribute style រួចដាក់Property អោយវា៖

Syntax:

**<tagname style=”property:value; …………….”> Content</tagname>**

**Or**

**<tagname style=”property:value;…../>**

**Eg:**

**<h1 style=”border:3px dotted red”>Hello</h1>**

**<h1 style=”color:red”>Hello</h1>**

**<h1 style=”color:red”>Thanks</h1>**

**-Embedded:យក Style មកប្រកាសនៅ block head ដោយដាក់នៅចន្លោះ Tag style**

**Syntax**

**<style type=”text/css”>**

**Declarations Style**

**</style>**

**Or**

**<style>Declaration style </style>**

**ដើម្បីប្រកាស CSS style គេមាន ម៉ូតដូចខាងក្រោម៖**

**-Selector: យកTag ណាដែលយើងបន្ថែមភាពស្អាតមកប្រកាស**

**Syntax:**

**Tag {property:value; ……}**

**Tag1,Tag2,….{property:value;…….}**

**Eg:**

**h1{color:red; }**

**p,u,i{color:blue; }**

**Eg:**

**<head>**

**<style>**

**h1{color:red;}**

**i,b{color:blue;}**

**</style>**

**</head>**

**<body>**

**<h1>One</h1>**

**<h1>Two</h1>**

**<h1>Three</h1>**

**</body>**

**-Selector with ID: ធ្វើ Tag មួយអោយមាន style ច្រើន mode ឬ ធ្វើ mode មួយអោយប្រើបានច្រើន Tag ។**

**Syntax:**

**Tag#name{ property:value; }**

**#name{ property:value; }**

**Call**

**<Tag id=”name”>Content</Tag>**

**<Tag id=”name” …/>**

**Eg:**

**h1#one{color:red;}**

**h1#two{color:blue;}**

**#box{ width:200px;height:200px;background-color:teal;}.**

**<h1 id=”one”>hello</h1>**

**<h1 id=”two”>Thanks</h1>**

**<h1 id=”box”>Box1</h1>**

**<p id=”box”>Box2</p>**

**<img src=”…” id=”box” />**

**-Selector with Class: ធ្វើ Tag មួយអោយមាន style ច្រើន mode ឬ ធ្វើ mode មួយអោយប្រើបានច្រើន Tag ។**

**Syntax:**

**Tag.name{ property:value; }**

**.name{ property:value; }**

**Call**

**<Tag class=”name”>Content</Tag>**

**<Tag class=”name” …/>**

**Eg:**

**h1.one{color:red;}**

**h1.two{color:blue;}**

**.box{ width:200px;height:200px;background-color:teal;}**

**<h1 class=”one”>hello</h1>**

**<h1 class=”two”>Thanks</h1>**

**<h1 class=”box”>Box1</h1>**

**<p class=”box”>Box2</p>**

**<img src=”…” class=”box” />**

**+Inherit:តែងអោយ Tag 1 លុះត្រាតែប្រើក្នុង Tag 1 មួយទៀត**

**Syntax:**

**Tag1 > Tag2 { property:value; …….}**

**Or**

**Tag1 Tag2 {property:value; }**

**Eg: p > i {color:red;}**

**<p>This is <i>my</i> test</p>**

**p h1 {color:blue; }**

**<p>…..<h1>Hello</h1>…..</p>**

**<i>One</i>**

**<p>This is my text</p>**

**<p>this is my home text <i>Hello</i></p>**

**+Pseudo: Pseudo-class and Pseudo-Element**

**Syntax:**

**Tag::pseudo-class{. …… }**

**a::link{property:value;…..}**

**a::hover{property:value;……}**

**a::active{property:value;…….}**

**a::visited {property:value;…….}**

**Tag::pseudo-elelement{…… }**

**p::first-letter{color:red;}**

**II. External CSS**

បង្កើត CSS File ដាច់ដោយឡែកពី HTML File ដោយក្នុងFile CSS នេះយើងអាចប្រកាស Mode អីក៏បាន selector, selector ID, selector CLASS, inherit, Pseudoប៉ុន្តែ File ត្រូវ save យក extension.css ហើយហៅចូលទៅក្នុងHTML File block head បានពីរបែបដូចខាងក្រោម៖

<link rel=”stylesheet” type=”text/css” href=”url” />

Or

<style type=’text/css”>

@import url(“url”);

</style>

Example:

<!**DOCTYPE** html>

<**html**>

<**head**>

<**style** type="text/css">

**h1**#one{color:red;}

**h1**#two{color:blue;}

#box{

width:200**px**;

height:300**px**;

border:3**px** groove red;

bckground-color:teal;

}

</**style**>

</**head**>

<**body**>

<**h1** id="one">Hello</**h1**>

<**h1** id="two">Thanks</**h1**>

<**h1** id="box">

</**h1**>

<**div** id="box">

</**div**>

</**body**>

</**html**>

<!**DOCTYPE** html>

<**html**>

<**head**>

<**style** type="text/css">

**h1**.one{color:red;}

**h1**.two{color:blue;}

.box{

width:200**px**;

height:300**px**;

border:3**px** groove red;

background-color:teal;

}

**p** **i** {

color:red;

}

**p**:before{

content:url('../source/pic\_1.jpg');

}

</**style**>

</**head**>

<**body**>

<**p**>Hello <**i**>sok</**i**> </**p**>

<**h1** class="one">Hello</**h1**>

<**h1** class="two">Thanks</**h1**>

<**h1** class="box">

</**h1**>

<**div** class="box">

</**div**>

</**body**>

</**html**>

Box:

width, min-width, max-width

height, min-height, max-height

border

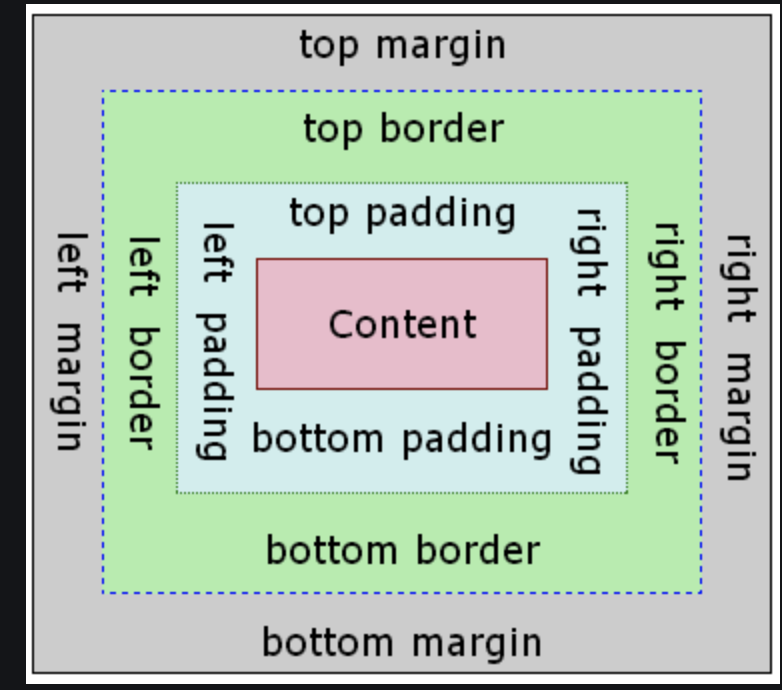
border-top, border-bottom, border-left, border-right

margin

margin-left,margin-right,margin-top,margin-bottom

padding

padding-left,padding-right,padding-top,padding-bottom



float:

display:

clear:

<!**DOCTYPE** html>

<**html**>

<**head**>

<**style** type="text/css">

#box{

width:300**px**;

height:500**px**;

border:10**px** groove red;

background-color:teal;

margin-top:150**px**;

margin-left:100**px**;

padding-top:50**px**;

padding-left:100**px**;

}

</**style**>

</**head**>

<**body**>

<**div** id="box">

<**h1**>RUPP 2021!</**h1**>

</**div**>

</**body**>

</**html**>

External:

mystyle.css

**h1**.one{color:red;}

**h1**.two{color:blue;}

.box{

width:200**px**;

height:300**px**;

border:3**px** groove red;

background-color:teal;

}

**p** **i** {

color:red;

}

**p**:before{

content:url('../source/pic\_1.jpg');

}

Call:

<!**DOCTYPE** html>

<**html**>

<**head**>

<**style** type="text/css">

**@import** url('../css/mystyle.css');

</**style**>

</**head**>

<**body**>

<**p**>Hello <**i**>sok</**i**> </**p**>

<**h1** class="one">Hello</**h1**>

<**h1** class="two">Thanks</**h1**>

<**h1** class="box">

</**h1**>

<**div** class="box">

</**div**>

</**body**>

</**html**>

Example1:

div {

background-color: lightgrey;

width: 300px;

border: 15px solid green;

padding: 50px;

margin: 20px;

}

p.dotted {outline-style: dotted;}  
p.dashed {outline-style: dashed;}  
p.solid {outline-style: solid;}  
p.double {outline-style: double;}  
p.groove {outline-style: groove;}  
p.ridge {outline-style: ridge;}  
p.inset {outline-style: inset;}  
p.outset {outline-style: outset;}

Layout:

Example: layout

ចូរសរសរប្រើ css ដើម្បីបង្កើត layout web page ដូចខាងក្រោម៖

1.

|  |  |
| --- | --- |
|  | |
|  |  |

<!**DOCTYPE** html>

<**html**>

<**head**>

<**style** type="text/css">

#wrap{

width:900**px**;

margin:0 auto;

padding:0 auto;

}

#row1{

width:900**px**;

height:200**px**;

margin:0 auto;

padding:0 auto;

background-color:red;

}

#row2{

width:900**px**;

height:500**px**;

margin:0 auto;

padding:0 auto;

*/\*background-color:blue;\*/*

}

#r2c1{

width:300**px**;

height:500**px**;

background-color:rgb(120,150,200);

float:left;

}

#r2c2{

width:600**px**;

height:500**px**;

background-color:rgb(120,200,100);

float:right;

}

</**style**>

</**head**>

<**body**>

<**div** id="wrap">

<**div** id="row1"></**div**>

<**div** id="row2">

<**div** id="r2c1"></**div**>

<**div** id="r2c2"></**div**>

</**div**>

</**div**>

</**body**>

</**html**>

2.

|  |  |  |
| --- | --- | --- |
|  | | |
|  |  |  |
|  | | |

<!**DOCTYPE** html>

<**html**>

<**head**>

<**style** type="text/css">

#wrap{

width:900**px**;

margin:0 auto;

padding:0 auto;

}

#row1{

width:900**px**;

height:200**px**;

margin:0 auto;

padding:0 auto;

background-color:red;

}

#row2{

width:900**px**;

height:400**px**;

margin:0 auto;

padding:0 auto;

*/\* background-color:rgb(100,100,80);\*/*

}

#r2c1{

width:200**px**;

height:400**px**;

background-color:rgba(150,100,80,0.75);

float:left;

}

#r2c2{

width:500**px**;

height:400**px**;

background-color:rgba(150,100,150,0.25);

float:left;

}

#r2c3{

width:200**px**;

height:400**px**;

background-color:rgba(255,0,0,.7);

float:right;

}

#row3{

width:900**px**;

height:200**px**;

margin:0 auto;

padding:0 auto;

background-color:red;

}

</**style**>

</**head**>

<**body**>

<**div** id="wrap">

<**div** id="row1"></**div**>

<**div** id="row2">

<**div** id="r2c1"></**div**>

<**div** id="r2c2"></**div**>

<**div** id="r2c3"></**div**>

</**div**>

<**div** id="row3"></**div**>

</**div**>

</**body**>

</**html**>

3.

|  |  |  |
| --- | --- | --- |
|  | | |
|  |  |  |
|  |
|  |
|  | | |

<!**DOCTYPE** html>

<**html**>

<**head**>

<**style** type="text/css">

#wrap{

width:900**px**;

margin:0 auto;

padding:0 auto;

}

#row1{

width:900**px**;

height:200**px**;

margin:0 auto;

padding:0 auto;

background-color:red;

}

#row2{

width:900**px**;

height:400**px**;

margin:0 auto;

padding:0 auto;

*/\*background-color:rgb(120,150,200);\*/*

}

#r2c1{

width:200**px**;

height:400**px**;

background-color:rgba(120,120,100,0.75);

float:left;

}

#r2c2{

width:500**px**;

height:400**px**;

background-color:rgba(100,150,80,0.25);

float:left;

}

#r2c3{

width:200**px**;

height:400**px**;

*/\*background-color:rgba(200,150,180,0.25);\*/*

float:right;

}

#r2c3r1{

width:200**px**;

height:100**px**;

background-color:rgb(120,180,100);

}

#r2c3r2{

width:200**px**;

height:200**px**;

background-color:rgb(200,100,80);

}

#r2c3r3{

width:200**px**;

height:100**px**;

background-color:rgb(120,180,100);

}

#row3{

width:900**px**;

height:200**px**;

margin:0 auto;

padding:0 auto;

background-color:red;

}

</**style**>

</**head**>

<**body**>

<**div** id="wrap">

<**div** id="row1"></**div**>

<**div** id="row2">

<**div** id="r2c1"></**div**>

<**div** id="r2c2"></**div**>

<**div** id="r2c3">

<**div** id="r2c3r1"></**div**>

<**div** id="r2c3r2"></**div**>

<**div** id="r2c3r3"></**div**>

</**div**>

</**div**>

<**div** id="row3"></**div**>

</**div**>

</**body**>

</**html**>

4.

|  |  |  |
| --- | --- | --- |
|  | | |
|  |  |  |
|  |
|  |
|  | | |

5.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | | |
|  |  |  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  | | | | | |

Menu example:

<!**DOCTYPE** html>

<**html**>

<**style**>

**ul** {

list-style-type: none;

margin: 0;

padding: 0;

width:60**px**;

}

**li** **a** {

display: block;

width: 60**px**;

background-color: #dddddd;

}

*/\**

*ul {*

*list-style-type: none;*

*margin: 0;*

*padding: 0;*

*width: 60px;*

*}*

*li a {*

*display: block;*

*background-color: #dddddd;*

*}*

*\*/*

*/\**

*ul {*

*list-style-type: none;*

*margin: 0;*

*padding: 0;*

*width: 200px;*

*background-color: #f1f1f1;*

*}*

*li a {*

*display: block;*

*color: #000;*

*padding: 8px 16px;*

*text-decoration: none;*

*}*

*li a:hover {*

*background-color: #555;*

*color: white;*

*}*

*\*/*

*/\**

*ul {*

*list-style-type: none;*

*margin: 0;*

*padding: 0;*

*width: 200px;*

*background-color: #f1f1f1;*

*}*

*li a {*

*display: block;*

*color: #000;*

*padding: 8px 16px;*

*text-decoration: none;*

*}*

*li a.active {*

*background-color: #4CAF50;*

*color: white;*

*}*

*li a:hover:not(.active) {*

*background-color: #555;*

*color: white;*

*}*

*\*/*

</**style**>

<**body**>

<**ul**>

<**li**><**a** href="#">Home</**a**></**li**>

<**li**><**a** href="#">About</**a**></**li**>

<**li**><**a** href="#">Contact</**a**></**li**>

<**li**><**a** href="#">Service</**a**></**li**>

<**li**><**a** href="#">Products</**a**></**li**>

</**ul**>

</**body**>

</**html**>

**JavaScript**

ជាប្រភេទ script language មានប្រយោជន៏សំរាប់លាយ(embedded) ជាមួយ HTML ដើម្បីបង្កើតWeb dynamic(input/output)ផ្នែក client site ។

Web Static = Web Read only

Web Dynamic=(user input/output)=ផ្លាស់ប្តូContent របស់ Web Page បាន។

ដើម្បីដាក់JavaScript ចូល Web Page គេអាចធ្វើបានពីរបែបគឺ តាម Internalនិងតាម External។

I.Internal JavaScript

គឺ JavaScript និង HTML ស្ថិតក្នុង File តែមួយ ដោយប្រើ tag <script> ។

Syntax:

<script type=”text/javascript”>

statements; (declaration variable, input/output, operator, control structure)

</script>

statements: open source ប្រកាន់អក្សរតូច អក្សរធំហើយបញ្ចប់ដោយ;

1.Declaration Variable:

Syntax:

var name1,name2,……..,namen;

Eg: var x;

x=12;

x=12.45;

x=”Hello”;

x=true;

x=new Date();

x=new Array();

2.Input/Output:

Input:

-Dialog: prompt(label,default)

-HTML Form

-HTML DOM

Ouput:

-Dialog:alert(data),confirm(data)

-buildin function:document.write(data)

-HTML Form

-HTML DOM

Eg1:

<!**DOCTYPE** html>

<**html**>

<**head**>

<**script** tyep="text/javascript">

**var** id,name;

id=prompt("Enter ID","001");

name=prompt("Enter Name","sok san");

</**script**>

</**head**>

<**body**>

<**script** type="text/javascript">

*//alert("ID="+id+"\nName="+name);*

document.write("ID="+id+"<br/>Name="+name);

</**script**>

<**h1**> Welcome to see you </**h1**>

<**body**>

</**html**>

3.Operator:ដូចជាមួយ c,c++,Java,C#

-Arithmethic: +,-,\*,/,+=,-=,\*=,/=

-Compare operator: >,<,>=,<=,==,===,!=,!==

-Relational Operator: &&,II,!

Eg2:

<!**DOCTYPE** html>

<**html**>

<**head**>

<**script** tyep="text/javascript">

**var** id,name,hour,rate,salary,report;

id=prompt("Enter ID","001");

name=prompt("Enter Name","sok san");

hour=prompt("Enter Hour","100");

rate=prompt("Enter Rate","15.0");

salary=hour\*rate;

</**script**>

</**head**>

<**body**>

<**script** type="text/javascript">

*//alert("ID="+id+"\nName="+name);*

report="ID="+id;

report+="<br/>Name="+name;

report+="<br/>Hour="+hour;

report+="<br/>Rate="+rate;

report+="<br/>Salary="+salary;

document.write(report);

</**script**>

<**h1**> Welcome to see you </**h1**>

<**body**>

</**html**>

4.Control Structure:ដូចជាមួយ c,c++,Java,C#

if(..){. }

if(..){. } else {. …. }

exp? st1:st2;

switch(exp){

case cont1:st1;break;

……………………………

default:stn+1;

}

do{…..}while(exp);

while(exp){. }

for()

eg:

<!**DOCTYPE** html>

<**html**>

<**head**>

<**script** type="text/javascript">

**var** a,b,s;

a=parseInt(prompt("Enter A","5"));

b=parseInt(prompt("Enter B","10"));

s=a+b;

</**script**>

</**head**>

<**body**>

<**script** type="text/javascript">

document.write("<h1>Result "+a+"+"+b+"="+s+"</h1>");

</**script**>

</**body**>

</**html**>

Eg:2

<!**DOCTYPE** html>

<**html**>

<**head**>

<**script** type="text/javascript">

**var** a,b,c,data,x1,x2,result;

a=parseFloat(prompt("Enter A","2"));

b=parseFloat(prompt("Enter B","-3"));

c=parseFloat(prompt("Enter C","1"));

result=a+"x<sup>2</sup>";

result+= ( b>0? "+"+b:b);

result+= (c>0 ? "+"+c:c);

result+="=0<br/>";

data=(b\*b)-(4\*a\*c);

**if**(data>=0){

x1=(-b+Math.sqrt(data))/(2\*a);

x2=(-b-Math.sqrt(data))/(2\*a);

result+="x1="+x1+"<br/>";

result+="x2="+x2+"<br/>";

}

**else**{

result+="<i>No Root</i>";

}

</**script**>

</**head**>

<**body**>

<**script** type="text/javascript">

document.write("<h1>"+result+"</h1>");

</**script**>

</**body**>

</**html**>

5.Function

Syntax:

function name(){ ……………}

function name(){……………… return exp;}

function name(parameter){…………. …. }

function name(parameter){………………. return exp;}

eg1:

<!**DOCTYPE** html>

<**html**>

<**head**>

<**script** type="text/javascript">

**function** **hello**(){

document.write("<h1>Hello Functuon !</h1>");

}

hello();

</**script**>

</**head**>

<**body**>

<**script** type="text/javascript">

document.write("<h1>"+result+"</h1>");

</**script**>

</**body**>

</**html**>

Eg2:

<!**DOCTYPE** html>

<**html**>

<**head**>

<**script** type="text/javascript">

**function** **hello**(){

**var** a,b,s;

a=parseFloat(prompt("Enter A","4.0"));

b=parseFloat(prompt("Enter B","5.0"));

s=a+b;

**return** s;

}

</**script**>

</**head**>

<**body**>

<**script** type="text/javascript">

**var** result=hello();

document.write("<h1>Result="+result+"</h1>");

</**script**>

</**body**>

</**html**>

Eg3:

<!**DOCTYPE** html>

<**html**>

<**head**>

<**script** type="text/javascript">

**function** **hello**(a,b){

**var** s;

s=a+b;

document.write("<h1>"+a+"+"+b+"="+s+"</h1>");

}

</**script**>

</**head**>

<**body**>

<**script** type="text/javascript">

**var** a,b;

a=parseFloat(prompt("Enter A","4.0"));

b=parseFloat(prompt("Enter B","5.0"));

hello(a,b);

</**script**>

</**body**>

</**html**>

Eg4:

<!**DOCTYPE** html>

<**html**>

<**head**>

<**script** type="text/javascript">

**function** **hello**(a,b){

**var** s;

s=a+b;

**return** s;

}

</**script**>

</**head**>

<**body**>

<**script** type="text/javascript">

**var** a,b,result;

a=parseFloat(prompt("Enter A","4.0"));

b=parseFloat(prompt("Enter B","5.0"));

result="<h1>"+a+"+"+b+"="+hello(a,b)+"</h1>";

document.write(result);

</**script**>

</**body**>

</**html**>

Eg5:

<!**DOCTYPE** html>

<**html**>

<**head**>

<**script** type="text/javascript">

**function** **readInt**(m){

**return** parseInt(prompt(m,"000"));

}

**function** **sum**(a,b){

**return** a+b;

}

</**script**>

</**head**>

<**body**>

<**script** type="text/javascript">

**var** a,b,s;

a=readInt("Enter A");

b=readInt("Enter B");

s=sum(a,b);

document.write("<h1>"+a+"+"+b+"="+s+"</h1>");

</**script**>

</**body**>

</**html**>

Eg6:

<!**DOCTYPE** html>

<**html**>

<**head**>

<**style** type="text/css">

**div**{

width:400**px**;

height:300**px**;

border:2**px** groove red;

background-color:teal;

}

</**style**>

<**script** type="text/javascript">

**function** **readString**(l){

**return** prompt(l,"");

}

**function** **readInt**(l){

**return** parseInt(readString(l));

}

**function** **readFloat**(l){

**return** parseFloat(readString(l));

}

**function** **out**(l){

document.write(l);

}

</**script**>

</**head**>

<**body**>

<**script** type="text/javascript">

**var** id,name,salary,report;

id=readInt("ID");

name=readString("Name");

salary=readFloat("Salary");

report="<div>Id="+id+"<br/>";

report+="Name="+name+"<br/>";

report+="Salary="+salary+"<br/></div>";

out(report);

</**script**>

</**body**>

</**html**>

Eg:7

<!**DOCTYPE** html>

<**html**>

<**head**>

<**style** type="text/css">

.circle{

width:100**px**;

height:100**px**;

border:1**px** groove red;

background-color:teal;

border-radius:50**%**;

float:left;

}

</**style**>

<**script** type="text/javascript">

**function** **out**(l){

document.write(l);

}

**function** **readString**(l){

**return** prompt(l,"");

}

**function** **readInt**(l){

**return** parseInt(readString(l));

}

**function** **drawCircle**(n){

**var** result="";

**for**(**var** i=1;i<=n;i++)

result+="<div class=circle></div>";

**return** result;

}

</**script**>

</**head**>

<**body**>

<**script** type="text/javascript">

**var** n=readInt("Enter Number");

**var** report=drawCircle(n);

out(report);

</**script**>

</**body**>

</**html**>

6-Input /Output with HTML Form:

Form?

Syntax:

<form name=””>

Element of Form

</form>

-TextBox:

<input type=”text” name=”….” value=”…” />

<input type=”number” name=” “ value=”…” />

<input type=”email”. name=”….” / >

<input type=”password” name=”….” />

<textarea name=”. “ rows=”. “ cols=”. “></textarea>

-Radio

<input type=”radio”. Name=”….” Value=” …”>Label

-Checkbox

<input type=”checkbox”. Name=””. value=”…”>label

-CamboBox

<select name=”…”>

<option value=”…”>Label</option>

<option value=”…”>Label</option>

………………..

</select>

-list box

<select name=”…”. size=”…” multiple>

<option value=”…”>Label</option>

………………..

</select>

-Button

<input type=”button”. Name=”…”. Value=”…”. onXX=”funtionName()” />

<input type=”submit”. Value=”….” />

<input type=”reset”. Value=”….. “/>

-Access Object:

document.formName.elementName.value

document.forms[index].elementName.value

document.formName.elemens[index].value

document.forms[index].elements[index].value

eg1:

<!**DOCTYPE** html>

<**html**>

<**head**>

<**script** type="text/javascript">

**var** report="All Items\n";

**function** **myAdd**(){

**var** i,n,h,r,s,result;

i=document.f.tfi.value;

n=document.f.tfn.value;

h=parseFloat(document.f.tfh.value);

r=parseFloat(document.f.tfr.value);

*//alert(i+" "+n+" "+h+" "+r);*

s=h\*r;

result=i+" "+n+" "+h+" "+r+" "+s;

report+=result+"\n";

document.f.dis.value=report;

}

</**script**>

</**head**>

<**body**>

<**center**>

<**h1**>Please Enter Data</**h1**>

<**hr**/>

<**form** name="f">

ID <**input** type="text" name="tfi" /><**br**/>

Name<**input** type="text" name="tfn" /><**br**/>

Hour<**input** type="number" name="tfh" /><**br**/>

Rate<**select** name="tfr">

<**option** value="15.0">15.0$</**option**>

<**option** value="18.0">18.0$</**option**>

<**option** value="20.0">20.0$</**option**>

</**select**><**br**/>

<**input** type="button" value="Add" onClick="myAdd()"/><**br**/>

<**textarea** rows="10" cols="50" name="dis">

</**textarea**>

</**form**>

</**center**>

</**body**>

</**html**>