

HTML

```
<link href = "layout.css"
rel="stylesheet"
type="text/css">
<form action = "test.php "
method = "get">
<input type="text" id="tester">
<input type="submit" id="submit" value="submit">
 Aligns an image: left
input types= "radio, " checkbox"
<select name="xyz">
<option value="jeremy"> Jeremy</option>
```

HTML 2

```
<div id="test" style="color: #fff;">
```

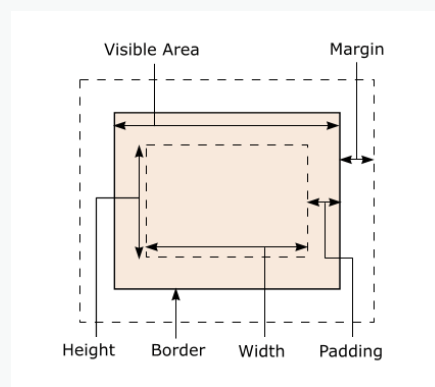
```
<div class="test">
```

```
<ol> Creates a numbered list</ol>
```

```
<ul> Creates a bulleted list</ul>
```

```
<li></li> Precedes each list item, and adds a number or symbol depending upon the type of list selected
```

CSS



HTML/CSS example

```
<h1>Baby Geneva's Web Page</h1>
<div id="notice"> 
What is your name? <span class="notice"> (I am Geneva!)
</span></div><p class="notice">I am 15 months old</p><p class="notice"> My favorite toy is your cell phone
</p><h2>(written by Geneva, May 2008)</h2>
```

HTML/CSS example

```
CSS
h1 { text-align: center; border: 2px solid black; }
#notice .notice { text-decoration: underline; }
p.notice { border: 2px solid black; float: right; width: 10%; }
h2 { clear: both; }
h2, #notice { border-top: 1px dashed black; border-bottom: 1px dashed black; }
```

MySQL

```
LIKE, ORDER BY, LIMIT, INSERT, UPDATE, DELETE, INSERT INTO table_name(column1) VALUES(value1);
```

PHP(SQL)

```
// Create connection
$db_handle = mysql_connect($hostname, $username, $password) or die("Unable to connect to MySQL");
//database select
$db_select = mysql_select_db($database, $dbhandle) or die("Cannot connect to database");
$juiceID = $_POST['juiceID'];
$attributes = $_POST['attributes'];
$attributeValue = $_POST['attributeValue'];
```



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PHP(SQL) (cont)

```
> if($sql = "SELECT * FROM Juices
WHERE JuiceID=$JuiceID"){
    $result = mysql_query($sql); }
while($row = mysql_fetch_array($result,
MYSQL_ASSOC)) {
    print " ".$row["JuiceID"]." ".$row["Jui-
ceBrand"]." ";
}
```

PHP q4

```
<?php $letter=strtolower($_GET[
"letter"]);
$times=(int) $_GET[ " times"];
$match es=0;
foreach (file( " pee ps.t xt ",
FILE_I GNO RE_ NEW _LINES) as
$line) { $lower lin e=s trt -
olo wer ($l ine);
$count=0 ;
for ($i=0 ; $i < strlen ($l -
ine); $i++) {
$ch=$ lowerl ine [$i];
if ($ch==$ letter) {
$count++; } }
if ($coun t>= $times) { $match -
es++; ?>
<p> <st ron g><?=$ line ?>
< /st ron g>
contains '
```

PHP q4 (cont)

```
> <?=$ letter ?>' exactly
<?=$ times ?>times.</p>
<?php } } if ($matches==0) { ?>
<p>No names contained '
<?=$ letter ?>' enough times.</p>
<?php } ?>
```

PHP mid_q3

```
$babyName=$_GET["name"];
$lines = file("n ame s.t xt");
$output t=-1; //default value
for($i=0; $i< cou nt( $li nes);
$i++){
    $line = $lines [$i];
$tokens = explod e(" ", $line);
if(str tol owe r($ bab yNa me) -
==s trt olo wer ($t oke ns[ 0]))
{ $outpu t=$ tok ens[1];
for($j=2; $j< cou nt( $to kens);
$j++){
    if( (in t)$ out put >(i nt) -
$to ken s[$j]){
        $ou tpu t=$ tok ens [$j];
    } } } }
print $output;
```

#getmoviename

```
#get movie name
$movie =$_ REQ UES T[' mov ie'];
$fileP ath ="mo vie fil -
es/ ".$m ovi e."i nfo.tx t";
list($ mov ieN ame , $y ear , $s -
cor e)= fil e($ fil ePath);
print"< h1> $movieName ($year)
</h 1>";
#add a line to a file
$new_t xt= " hello there";
file_p ut_ con ten ts( " poe -
m.t xt", $new_txt, FILE_A -
MMEND);
```

PHP String functions

```
var str= "abcd,efgh";
var a=str.l en gth ;//gets 9
var b=str.s ub str ing (1, -
3); //gets " bc"
var c=str.i nd exO f(' -
b') ;//gets 1
var d=str.t oU ppe rCa -
se( );/ /gets " ABC D,E FGH "
var e=str.c ha rAt (2) ;//gets
" c"
var f=str.s pl it( " ,");
//gets array ("ab cd, " efg h")
```



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JavaScript divide function

```
window.onload = function() {
  document.getElementById("del").onclick =
  divideAll;
};
function divideAll() {
  var divisor = document.getElementById("divisor").value;
  var div = document.getElementById("buttons");
  var buttons = div.getElementsByTagName("button");
  for (var i = 0; i < buttons.length; i++) {
    var number = buttons[i].innerHTML;
    if (number % divisor == 0)
    {
      div.removeChild(buttons[i]);
      i--;
    }
  }
}
```

JavaScript ex

```
<script LANGUAGE="JavaScript"
type="text/javascript">
function yearConvert(form){
  form.dYears.value = form.hYears.value*7;
}
</script>
```

JavaScript ex (cont)

```
> <input TYPE="button" VALUE="change
color" ONCLICK="document.body.style.backgroundColor = '#' + Math.random().toString(16).slice(2,8);">
<INPUT TYPE="text" NAME="hYears"
SIZE=10>
<INPUT TYPE="button" VALUE="Calculate" ONCLICK="yearConvert(this.form)">
```

JavaScript guess rand

```
<script LANGUAGE="JavaScript"
type="text/javascript">
var randnum = Math.floor(Math.random() * 10) + 1;
//Generate random number
var count = 0;
function Guess() {
  var x = document.getElementById("guess").value;
  count++;
  status = "Tries: " + count;
  if (x < randnum) {
    document.getElementById("ip").value = "Too low!";
  }
  if (x > randnum)
    document.getElementById("ip").value = "Too high!";
  if (x == randnum) {
    document.getElementById("ip").value = "You got it right in " + count + " tries! ";
  }
}
```

JavaScript guess rand (cont)

```
> document.getElementById("total").innerHTML = + x;
</script>
```

parent-child script

```
<div id="div1">
<p id=" p1">This is words</p>
<p id=" p2">This is more
words</p>
</div>
var para=document.createElement("p");
var node=document.createTextNode("This is new");
para.appendChild(node);
var parent=document.getElementById("div1");
var child=document.getElementById(" p1");
parent.appendChild(para,child);
```



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