OMIS 120 Cheat Sheet

by bossross333 via cheatography.com/21907/cs/4344/

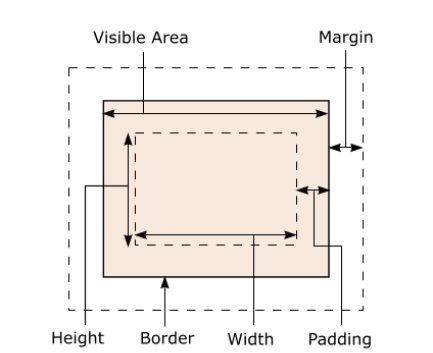
HTML

```
<link href =”layout.css”
rel=”stylesheet”
type=”text/css”>
<form action ="te st.p hp "
method ="ge t">
<input type="t ext " id=" tes -
ter ">
<input type="s ubm it" id=" -
sub mit " value= " sub mit ">
<img src="na me" align= " lef -
t"> Aligns an image: left
input types= " rad io, " che -
ckb ox"
<select name="x yz">
<option value= " jer ry"> Jer -
ry< /op tio n>
```

HTML 2

	for CSS #test{color:#fff}
	for CSS .test{}
	Creates a numbered list
	Creates a bulleted list
</- 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"> <img
src="geneva.jpg" alt="Geneva" />
What is your name? <span
class="notice"> (I am Geneva!)
</span></div><p class="notice">I
<br /> am <br /> 15 <br />
months <br /> old</p><p
class="notice"> My <br />
favorite <br /> toy <br /> is
<br /> your <br /> cell phone
</p><h2>(written by Geneva, May
2008)</h2>
```

HTML/CSS example

```
CSS
h1 { text-a lign: center;
border: 2px solid black; }
#notice .notice { text-d eco -
ration: underline; } p.notice {
border: 2px solid black; float:
right; width: 10%; } h2 { clear:
both; } h2, #notice { border -
top: 1px dashed black; border -
bo ttom: 1px dashed black; }
```

MySQL

LIKE,ORDER BY, LIMIT, INSERT, UPDATE, DELETE, INSERT INTO table_- name(column1) VALUES(value1);

PHP(SQL)

```
// Create connection
        $db handle = mysql_ -
con nec t($ hos tname,
$username, $password) or
die("Unable to connect to
MySQL");
//database select
        $db _select = mysql_ -
sel ect _db ("$d b_n ame ",
$dbhandle) or die("Cannot
connect to databa se");
        $Ju iceID = $_POST ['J -
uic eID'];
        $At tri butes = $_POST -
['A ttr ibu tes'];
        $at tValue = $_POST -
['a ttIn'];
```


Sponsored by **Readable.com**
Measure your website readability!
https://readable.com

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[ " tim es"];
$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");
$outpu t=-1; //default value
for($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")
```


Sponsored by **Readable.com**
Measure your website readability!
https://readable.com

JavaScript divide function

```
window.onload = function() {
docume nt.g et Ele men tBy -
Id( " del " ).o nclick =
divideAll;
};
function divide All() {
var divisor = docume nt.g et -
Ele men tById ("di vis -
or").value;
var div = docume nt.g et Ele -
men tById ("bu tto ns");
var buttons = div.ge tEl eme -
nts ByT agN ame ("bu tto n");
for (var i = 0; i < button s.l -
engths; i++) {
var number = button s[i ].i -
nne rHTML;
     if (number % divisor == 0)
{
div.re mov eCh ild (bu tto -
ns[i]);
i--;}}}
```

JavaScript ex

```
<script LANGUAGE="JavaScript"
type="text/javascript">
function yearCo nvert (form){
form.d Yea rs.v alue = form.h -
Yea rs.v al ue*7;
}
</s cri pt>
```

JavaScript ex (cont)

```
> <input TYPE="button" VALUE="change
color" ONCLICK="document.body.style.ba-
ckgroundColor = '#' + Math.random().toSt-
ring(16).slice(2,8);">
<INPUT TYPE ="text" NAME="hYears"
SIZE=10>
<INPUT TYPE ="button" VALUE="Calcul-
ate" ONCLICK="yearConvert(this.form)">
```

JavaScript guess rand

```
<script LANGUAGE="JavaScript"
type="text/javascript">
var randnum = Math.f loo r(M -
ath.ra ndom() * 10) + 1;
//Generate random number
var count = 0;
function Guess() {
var x = docume nt.r es ult for -
m.g ues s.v alu e;c ount++;
status = " Tries: " + count;
if (x < randnum) {
        docume nt.r es ult for -
m.t ip.v alue = "Too low!";}

if (x > randnum)
        docume nt.r es ult for -
m.t ip.v alue = "Too high!";

if (x == randnum) {
    docume nt.r es ult for m.t -
ip.v alue = "You got it right in
" + count + " tries! ";}
```

JavaScript guess rand (cont)

```
>     document.getElementById('total').inn-
erHTML = + x;}
</script>
```

parent-child script

```
<div id="div1">
<p id=" p1">This is words< /p>
<p id=" p2">This is more
words< /p>
</d iv>
var para=d ocu men t.c rea tEl -
eme nt( " p");
var node=d ocu men t.c rea teT -
ext Nod e("This is new");
para.a ppe ndC hil d(n ode);
var parent =do cum ent.ge tEl -
eme ntB yId ("di v1");
var child= doc ume nt.g et Ele -
men tBy Id( " p1");
parent.re pla ceC hil d(p -
ara ,ch ild);
```

By **bossross333**

cheatography.com/bossross333/

Published 9th June, 2015.
Last updated 11th May, 2016.

Sponsored by **Readable.com**
Measure your website readability!
https://readable.com