

# Web accessible Databases

## PHP

March 13, 2013



[www.php.net](http://www.php.net)

# simple.html

```
<html>
  <head>
    <title>The Window Title
  </title>
</head>
<body>
  <h1>Hello everybody!</h1>
  <p/>
  <table border=1>
    <tr><td>0,0</td><td>0,1</td><tr>
    <tr><td>1,0</td><td>1,1</td><tr>
  </table>
  <p/>
  <a href="http://zeus.cs.pacificu.edu">Zeus!</a>
  
</body>
</html>
```



# HelloWorld.php

Danger! Quotation marks do not copy and paste well!

```
<html>
  <head>
    <title>The Window Title
  </title>
  </head>
  <body>

    <?php
      // HelloWorld.php
      print "Hello World!";
      print "<H1>Hello World!</H1>";
    ?>

  </body>
</html>
```

Comment!

The web browser only sees the HTML, not the PHP.  
View | Page Source

A file that contains ANY php MUST have a .php extension!

# VariablesIfs.php

```
<body>
  <H1>
  <?php
    $counter = 1; // create variable
    if( 0 == $counter )
    {
      print "ZERO";
    }
    else
    {
      print $counter;
    }
  ?>
</H1>
</body>
```

# Loops.php

```
<body>
```

```
<?php
```

```
    $counter = 1; // create variable
```

```
    while( $counter < 10)
```

```
    {
```

```
        print $counter . " " . $counter*2;
```

```
        print "<p/>";
```

```
        $counter += 1;
```

```
    }
```

```
?>
```

```
</body>
```



String concatenation is done with a dot .

```
<table border=1 cellpadding=4>
```

# LoopsTable.php

```
<?php
```

```
    $rows = 1; // create variable
```

```
    while( $rows < 10)
```

```
    {
```

```
        print "<tr>";
```

```
        $columns = 1; // create variable
```

```
        while( $columns < 10)
```

```
        {
```

```
            print "<td>";
```

```
            print $rows . " , " . $columns;
```

```
            print "</td>";
```

```
            $columns += 1;
```

```
        }
```

```
        print "</tr>";
```

```
        $rows += 1;
```

```
    }
```

```
?>
```

```
</table>
```

# Disjoint.php

```
<body>
```

```
<?php
```

```
    print "<table border=1> <tr>";  
    $columns = 1; // create variable
```

```
    while( $columns < 10)
```

```
    {
```

```
        print "<td>" . $columns . "</td>";
```

```
        $columns += 1;
```

```
    }
```

```
    print "</tr> </table>";
```

```
?>
```

Hello out there

```
<center> HI!</center>
```

```
<?php
```

```
    print $columns; // retains value from above
```

```
?>
```

```
</body>
```

```
<?php          // sessionTest.php
    session_start();
    $_SESSION['PID']=2; // global associative array
                        // acts like a hash table
    header('Location: showPID.php');
?>
```

IMPORTANT:  
There must be no blank lines or HTML  
before the **header()** function call!

```
<?php          // showPID.php
    session_start();
    if( isset($_SESSION['PID']))
    {
        print $_SESSION['PID'];
    }
?>
```



# Exercises

- Write a php file to display the first 100 odd integers in a table
- Write a php file to set a session variable (SESS\_TEST) to 42 and redirect to another php page which prints all the integers 1 to SESS\_TEST. Be sure to use isset() to determine if SESS\_TEST is set.
- BONUS: Have the table in either of the above pages alternate colors for rows.

# Stop Wednesday