

ASP (VBScript)	PHP (v4.3+)
General syntax	
ASP Comments, inline <pre>'my dog has fleas</pre>	PHP Comments, inline <pre>//my dog has fleas</pre>
ASP Comments, block <pre>not available?</pre>	PHP Comments, block <pre>/* The quick brown fox jumped over the lazy dogs. */</pre>
ASP, Escaping quotes <pre>" "</pre> <pre>"var text1="";"</pre>	PHP, Escaping quotes <pre>\ " or use ' like javascript</pre> <pre>'var text1="";'</pre>
ASP Command termination None, but : can be used to separate commands on the same line.	PHP Command termination Each command must end with ; but multiple commands per line are allowed.
ASP Screen output <pre>response.write "hello"</pre>	PHP Screen output <pre>echo "hello";</pre>
ASP Newline characters <pre>vbCrLf</pre> <pre>response.write "hello" & vbCrLf</pre>	PHP Newline characters <pre>"\n" (must be inside "", not '')</pre> <pre>echo "hello \n";</pre>
ASP Variable Names Not case sensitive, so fName is the same as FNAME	PHP Variable Names Case sensitive AND must begin with \$ so \$fName is NOT the same as \$FNAME
String Functions	
ASP String concatenation <pre>&</pre> <pre>fName=name1 & " " & name2</pre> <pre>emsg=emsg & "error!"</pre>	PHP String concatenation <pre>. and .=</pre> <pre>\$fName=\$name1." ".\$name2;</pre> <pre>\$emsg.="error!";</pre>
ASP, Change case <pre>LCase(), UCase()</pre> <pre>lowerName=LCase(chatName)</pre> <pre>upperName=UCase(chatName)</pre>	PHP, Change case <pre>strtolower(), strtoupper()</pre> <pre>\$lowerName=strtolower(\$chatName);</pre> <pre>\$upperName=strtoupper(\$chatName);</pre>
ASP String length <pre>Len()</pre> <pre>n=Len(chatName)</pre>	PHP String length <pre>strlen()</pre> <pre>\$n=strlen(\$chatName);</pre>
ASP, Trim whitespace <pre>Trim()</pre> <pre>temp=Trim(xpage)</pre>	PHP, Trim whitespace <pre>trim() and also ltrim(), rtrim()</pre> <pre>\$temp=trim(\$xpage);</pre>
ASP String sections <pre>Left(), Right(), Mid()</pre> <pre>Left("abcdef",3) result = "abc"</pre> <pre>Right("abcdef",2) result = "ef"</pre> <pre>Mid("abcdef",3) result = "cdef"</pre> <pre>Mid("abcdef",2,4) result = "bcde"</pre>	PHP String sections <pre>substr()</pre> <pre>substr("abcdef",0,3); result = "abc"</pre> <pre>substr("abcdef",-2); result = "ef"</pre> <pre>substr("abcdef",2); result = "cdef"</pre> <pre>substr("abcdef",1,4); result = "bcde"</pre>
ASP String search forward, reverse <pre>Instr(), InstrRev()</pre> <pre>x=Instr("abcdef","de") x=4</pre> <pre>x=InstrRev("alabama","a") x=7</pre>	PHP String search forward, reverse <pre>strpos(), strrpos()</pre> <pre>\$x=strpos("abcdef","de"); x=3</pre> <pre>\$x=strrpos("alabama","a"); x=6</pre>
ASP String replace <pre>Replace(string exp,search,replace)</pre> <pre>temp=Replace(temp,"orange","apple")</pre> <pre>temp=Replace(temp,"'","\'")</pre> <pre>temp=Replace(temp,"\"","\\")</pre>	PHP String replace <pre>str_replace(search,replace,string exp)</pre> <pre>\$temp=str_replace("orange","apple",\$temp);</pre> <pre>\$temp=str_replace("'","\'",\$temp);</pre> <pre>\$temp=str_replace("\"","\\",\$temp);</pre>
ASP, split a string into an array <pre>Split()</pre> <pre>temp="cows,horses,chickens"</pre> <pre>farm=Split(temp,",",-1,1)</pre> <pre>x=farm(0)</pre>	PHP, split a string into an array <pre>explode()</pre> <pre>\$temp="cows,horses,chickens";</pre> <pre>\$farm=explode(",",\$temp);</pre> <pre>\$x=\$farm[0];</pre>
ASP, convert ASCII to String <pre>x=Chr(65) x="A"</pre>	PHP, convert ASCII to String <pre>\$x=chr(65); x="A"</pre>
ASP, convert String to ASCII <pre>x=Asc("A") x=65</pre>	PHP, convert String to ASCII <pre>\$x=ord("A") x=65</pre>

Control Structures

<pre> ASP, if statements if x=100 then x=x+5 elseif x<200 then x=x+2 else x=x+1 end if </pre>	<pre> PHP, if statements if (\$x==100) { \$x=\$x+5; } else if (\$x<200) { \$x=\$x+2; } else { \$x++; } </pre>
<pre> ASP, for loops for x=0 to 100 step 2 if x>p then exit for next </pre>	<pre> PHP, for loops for (\$x=0; \$x<=100; \$x+=2) { if (\$x>\$p) {break;} } </pre>
<pre> ASP, while loops do while x<100 x=x+1 if x>p then exit do loop </pre>	<pre> PHP, while loops while (\$x<100) { \$x++; if (\$x>\$p) {break;} } </pre>
<pre> ASP, branching select case chartName case "TopSales" theTitle="Best Sellers" theClass="S" case "TopSingles" theTitle="Singles Chart" theClass="S" case "TopAlbums" theTitle="Album Chart" theClass="A" case else theTitle="Not Found" end select </pre>	<pre> PHP, branching switch (\$chartName) { case "TopSales": \$theTitle="Best Sellers"; \$theClass="S"; break; case "TopSingles": \$theTitle="Singles Chart"; \$theClass="S"; break; case "TopAlbums": \$theTitle="Album Chart"; \$theClass="A"; break; default: \$theTitle="Not Found"; } </pre>
<pre> ASP functions Function myFunction(x) myFunction = x*16 'Return value End Function </pre>	<pre> PHP functions function myFunction(\$x) { return \$x*16; //Return value } </pre>

HTTP Environment

<pre> ASP, Server variables Request.ServerVariables("SERVER_NAME") Request.ServerVariables("SCRIPT_NAME") Request.ServerVariables("HTTP_USER_AGENT") Request.ServerVariables("REMOTE_ADDR") Request.ServerVariables("HTTP_REFERER") </pre>	<pre> PHP, Server variables \$_SERVER["HTTP_HOST"]; \$_SERVER["PHP_SELF"]; \$_SERVER["HTTP_USER_AGENT"]; \$_SERVER["REMOTE_ADDR"]; @\$_SERVER["HTTP_REFERER"]; @ = ignore errors </pre>
<pre> ASP Page redirects Response.redirect("wrong_link.htm") </pre>	<pre> PHP Page redirects header("Location: wrong_link.htm"); </pre>
<pre> ASP, GET and POST variables Request.QueryString("chat") Request.Form("username") </pre>	<pre> PHP, GET and POST variables @\$_GET["chat"]; @ = ignore errors @\$_POST["username"]; </pre>
<pre> ASP, prevent page caching Response.CacheControl="no-cache" Response.AddHeader "pragma", "no-cache" </pre>	<pre> PHP, prevent page caching header("Cache-Control: no-store, no-cache"); header("Pragma: no-cache"); </pre>
<pre> ASP, Limit script execution time, in seconds Server.ScriptTimeout(240) </pre>	<pre> PHP, Limit script execution time, in seconds set_time_limit(240); </pre>
<pre> ASP, Timing script execution s_t=timer ...ASP script to be timed... duration=timer-s_t response.write duration &" seconds" </pre>	<pre> PHP, Timing script execution \$s_t=microtime(); ...PHP script to be timed... \$duration=microtime_diff(\$s_t,microtime()); \$duration=sprintf("%0.3f",\$duration); echo \$duration." seconds"; //required function function microtime_diff(\$a,\$b) { list(\$a_dec,\$a_sec)=explode(" ",\$a); list(\$b_dec,\$b_sec)=explode(" ",\$b); return \$b_sec-\$a_sec+\$b_dec-\$a_dec; } </pre>

File System Functions

ASP, create a file system object (second line is wrapped) 'Required for all file system functions fileObj=Server.CreateObject ("Scripting.FileSystemObject")	PHP, create a file system object Not necessary in PHP
ASP, check if a file exists pFile="data.txt" fileObj.FileExists(Server.MapPath(pFile))	PHP, check if a file exists \$pFile="data.txt"; file_exists(\$pFile);
ASP, Read a text file pFile="data.txt" xPage=fileObj.GetFile(Server.MapPath(pFile)) xSize=xPage.Size 'Get size of file in bytes xPage=fileObj.OpenTextFile(Server.MapPath(pFile)) temp=xPage.Read(xSize) 'Read file linkPage.Close	PHP, Read a text file \$pFile="data.txt"; \$temp=file_get_contents(\$pFile); //Read file

Time and Date Functions

ASP, Server Time or Date Now, Date, Time	PHP, Server Time or Date date()
ASP, Date format (default) Now = 10/20/2010 7:35:00 AM Date = 10/20/2010 Time = 7:35:00 AM Various ASP functions extract date parts: Month(Date) = 10 MonthName(Month(Date)) = October Day(Date) = 20 WeekdayName(Weekday(Date)) = Wednesday WeekdayName(Weekday(Date),False) = Wed	PHP, Date format There is no default format in PHP. The date() function is formatted using codes: date("n/j/Y g:i:s A") = 10/20/2010 7:35:00 AM date("n") = 10 date("F") = October date("j") = 20 date("l") = Wednesday date("D") = Wed

Numeric Functions

ASP, convert decimal to integer Int() n=Int(x)	PHP, convert decimal to integer floor() \$n=floor(\$x);
ASP, determine if a value is numeric IsNumeric() if IsNumeric(n) then ...	PHP, determine if a value is numeric is_numeric() if (is_numeric(\$num)) {...}
ASP, modulus function x mod y	PHP, modulus function \$x % \$y