

## PAGE HTML

```
<?php
$homePage = "false";
?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
    "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head>
<link href="samplerStyles.css" rel="stylesheet" type="text/css" />
<script type="text/javascript" src="jquery172.js"></script>
<script type="text/javascript" src="samplerScript.js"></script>
<script type="text/javascript" src="ajaxDemo.js"></script>
<meta http-equiv="content-type" content="text/html; charset=us-ascii"
/>
<meta name="author" content="" />
<link rel="shortcut icon" href="favicon.ico" />
<title>Ajax Demo by Sally Gruger</title>
</head>

<body>
<div class="container">

<?php
include ("header2.php");
include ("samplerNavBar.php");
?>
    <div class="pageSummary"><br />
        <h3>AJAX stands for <b>A</b>synchronous <b>J</b>avaScript
<b>A</b>nd <b>X</b>ml. The technique allows for data retrieval in a
portion of the web page while none of the other elements need to be
reloaded. In this example, you can watch the Evian babies dance while
loading different web development cheat sheets</h3>
        <div class="webInfoAjaxPDF"><a class="Portal"
href="ajaxInfo/ajaxDemoSourceCode.pdf"
onclick="showPaper('ajaxInfo/ajaxDemoSourceCode.pdf'); return
false;"><br />View this page's source code as a .pdf file</a></div>
    </div>
    <div class="demoContent2">
        <div id="ajaxDemo">
            <form action="">
                <select id="webChoices" onchange="showPage(this.value)">
                    <option value="0" selected="selected">Select an
option:</option>
                    <option value="1">RGB Color Chart</option>
```

```

        <option value="2">Learn JavaScript</option>
        <option value="3">Learn CSS</option>
        <option value="4">Learn CSS3</option>
        <option value="5">HTML Character Entities</option>
        <option value="6">MySQL</option>
        <option value="7">PHP</option>
        <option value="8">Regular Expressions</option>
        <option value="9">Learn HTML5</option>
    </select>
</form>
<br />

<div id="webContainer"></div>

<div id="videoHolder">
<div>Click the arrow to start the video</div>
<iframe width="392" height="220"
src="http://www.youtube.com/embed/XQcVllWpwGs"
style="border:0"></iframe><br /><span class="smalltext">You may
want to turn your volume down before starting the video.</span>
</div>
<div id="webContText"><b>Select an option from the menu to
find information on web development</b></div>
</div>
<div class="footer2">
<?php
include ("footerContent.php");
?>
</div>
</div><br /><br />
</div>
</body>
</html>
<?php

```

## JAVASCRIPT AJAX FUNCTIONS

```

// Create an XMLHttpRequest Object
var xmlhttpObj;
function loadXMLDoc(url,cfunc)
{
if (window.XMLHttpRequest)
    {// code for IE7+, Firefox, Chrome, Opera, Safari
    xmlhttpObj=new XMLHttpRequest();
    }
}

```

```

else
    { // code for IE6, IE5
        xmlhttpObj=new ActiveXObject("Microsoft.XMLHTTP");
    }
xmlhttpObj.onreadystatechange=cfunc;
return xmlhttpObj;
}

// _____

function showPage(str)
{
if(document.getElementById('webChoices').value)
{
if (str=="")
    {
        document.getElementById("webContainer").innerHTML="";
        $('#ajaxDemo').css({'height':'600px'})
        $('#webContText').css({'visibility':'visible'})
        return;
    }

loadXMLDoc("getWebPage.php",function()
    {
        if (xmlhttpObj.readyState==4 && xmlhttpObj.status==200)
            {

document.getElementById("webContainer").innerHTML=xmlhttpObj.responseText;
            }

});

    // GET request
    nocache = "?nocache=" + (Math.random() * 1000000);
    str2 = "&q=" + str;
    target = "getWebPage.php" + nocache + str2;
    xmlhttpObj.open("GET", target ,true);
    xmlhttpObj.send();
    tallerAjaxDiv();
    $('#webContText').css({'visibility':'hidden'})
    if($('#webChoices option:selected').val() === "0") {
    $('#webContText').css({'visibility':'visible'})
    }}}
// _____

```

```
function tallerAjaxDiv() {
    $(document).ready(function() {
        $('#ajaxDemo').css({'height':'750px'})
    });
}
```

#### SERVER PHP PRODUCED HTML

```
/**
 * @author Sally Gruger
 * @copyright 2012
 */
isset($_GET['q']) ? $q = ($_GET['q']) : $q = '';
$extraContent = "";
if ($q != "") {
    echo("<script>tallerAjaxDiv();</script>");
    switch($q)
    {
        case "0":
            break;

        case "1":
            $filename = "rgbHexCheat_v1";
            $div2Text = "the RGB Color Chart ";
            break;

        case '2':
            $filename = "javascriptCheat_v1";
            $div2Text = "the JavaScript Cheat Sheet";
            break;

        case '3':
            $filename = "cssCheatSheet_v2";
            $div2Text = "the CSS Cheat Sheet";
            break;

        case '4':
            $filename = "css3CheatSheet";
            $div2Text = "the full CSS3 Cheat Sheet";
            $extraContent = "<br />Here is another great resource for CSS
Properties including links to their W3C reference page:<br /><a
class='Portal' href='meiertCssRedirect.php'
onclick='showPaper(\"meiertCssRedirect.php\"); return false;'><br
/>CSS Properties Index by Jens Meiert</a>" ;
            break;
```

```

    case '5':
        $filename = "htmlCharEntitiesCheat";
        $div2Text = "the HTML Character Entities Cheat Sheet";
        break;

    case '6':
        $filename = "mysqlCheat_v1";
        $div2Text = "the MySQL Cheat Sheet";
        break;

    case '7':
        $filename = "phpCheatSheet_v2";
        $div2Text = "the PHP Cheat Sheet";
        break;

    case '8':
        $filename = "regExpressionsCheat";
        $div2Text = "the Regular Expressions Cheat Sheet";
        break;

    case '9':
        $filename = "html5Cheat";
        $div2Text = "the full HTML 5 Cheat Sheet";
        break;

    default:
        echo "No chart available";
}
if ($q != "0") {
echo <<<_OUTPUT
    <div class="webInfoAjaxLeft"><a class="Portal"
href="ajaxInfo/$filename.pdf"
onclick="showPaper('ajaxInfo/$filename.pdf'); return false;"></a></div>
    <div class="webInfoAjaxRight"><a class="Portal"
href="ajaxInfo/$filename.pdf"
onclick="showPaper('ajaxInfo/$filename.pdf'); return false;"><br
/>Open $div2Text as a .pdf file</a>
    <p>$extraContent</p>
</div>
_OUTPUT;
}}
?>

```

## MISCELLANEOUS JAVASCRIPT

```
// opens designated file in new window
function showPaper (linkTarget)
{
    var newWindow;
    newWindow = window.open (linkTarget, "",
"toolbar=no,menubar=no,location=no,scrollbars=yes,resizable=yes,width=
1100,height=900");
    newWindow.focus();
}
function ProtectEmail()
{
    var a = ''

    for (var j=0 ; j < arguments.length ; ++j)
        a += arguments[j];
    return "<a href=" + "ef" + "'=" + "mailto:" + a + "'>" + "Email
Us" + "</a>";
}
function sallysMail()
{
    $(document).ready(function() {
        salsEmail = ProtectEmail('sa','lly','@sa','ll', 'ygr','uge','r',
'.c', 'om');
        return $("#myAdd").html(salsEmail)
    });
}
```