

PHP Browser Testing

This code tests for some specific browsers and changes the behavior of an unordered list based on the browser being used. You can place virtually any string of code in the echo statement inside each given browser's conditional test block. Whatever you put in the echo statement will appear at that location in your HTML.

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1"/>
    <link href="website.css" rel="stylesheet" type="text/css" />
    <title>PHP Training - Browser</title>
  </head>
  <body>
    <div id="leftnav">
      <ul>
        <li>
          <a id="homelink" class="lv10" href="index.php">
            Home
          </a>
        </li>
        <li>
          <a id="about-us" class="lv10" href="#">
            About-Us
          </a>
        </li>
      </ul>
      <!-- Here PHP is invoked and the browser is tested and a <ul statement is inserted
      into the HTML based on the browser detected. -->
      <?php
      $user = ' ' . $_SERVER['HTTP_USER_AGENT'];
      if (strpos($user, 'Firefox/3'))
      {
        echo '<ul id="designItems">';
      }
      elseif (strpos($user, 'MSIE 7'))
      {
        echo '<ul id="designItems" style="display:none;">';
      }
      elseif (strpos($user, 'MSIE 8'))
      {
        echo '<ul id="designItems">';
      }
      elseif (strpos($user, 'Opera/9'))
      {
        echo '<ul id="designItems" style="display:none;">';
      }
      elseif (strpos($user, 'Opera'))
      {
        echo '<ul id="designItems" style="display:none;">';
      }
      elseif (strpos($user, 'Chrome'))
      {
        echo '<ul id="designItems" style="display:none;">';
      }
      elseif (strpos($user, 'Safari'))
      {
        echo '<ul id="designItems" style="display:none;">';
      }
      else
      {
```

```
        echo '<ul id="designItems" style="display:none;">';
    }
    include ("design.php");
    ?>
</ul>
    ...
</ul>
</div>
</body>
</html>
```

The following code simply tests for a wide variety of browsers and displays to the user the browser being used. It is not exhaustive, but it does provide examples of many of the browser values that can be used to test. As was demonstrated in the previous example, you can place virtually any string of code in the echo statement inside each given browser's conditional test block.

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
  <head>
    <meta http-equiv="Content-Type" content="text/html;
charset=iso-8859-1"/>
    <title>PHP Training - Browser</title>
  </head>
  <body>
    <?php
#Identify user's browser php

$user = ' ' . $_SERVER['HTTP_USER_AGENT'];
echo "<p>You are viewing this page using: <br />
<b>$user</b></p>\n";

if (strpos($user, 'Netscape' ))
{
    echo 'Browser is Netscape';
}
elseif (strpos($user, 'Navigator' ))
{
    echo 'Browser is Navigator';
}
elseif (strpos($user, 'Galeon' ))
{
    echo 'Browser is Galeon';
}
elseif (strpos($user, 'Shiretoko' ))
{
    echo 'Browser is Shiretoko';
}
elseif (strpos($user, 'Flock' ))
{
    echo 'Browser is Flock';
}
elseif (strpos($user, 'K-Meleon' ))
{
    echo 'Browser is K-Meleon';
}
elseif (strpos($user, 'Kazehakase' ))
{
    echo 'Browser is Kazehakase';
}
elseif (strpos($user, 'Konqueror' ))
{
    echo 'Browser is Konqueror';
}
elseif (strpos($user, 'Iceweasel' ))
{
```

```
        echo 'Browser is Iceweasel';
    }
    elseif (strpos($user, 'Epiphany' ))
    {
        echo 'Browser is Epiphany';
    }
    elseif (strpos($user, 'Firefox/3' ))
    {
        echo 'Browser is Firefox version 3';
    }
    elseif (strpos($user, 'Firefox/2' ))
    {
        echo 'Browser is Firefox version 2';
    }
    elseif (strpos($user, 'Firefox' ))
    {
        echo 'Browser is Firefox other than 2 or 3';
    }
    elseif (strpos($user, 'Debian' ))
    {
        echo 'Browser is Debian';
    }
    elseif (strpos($user, 'Ubuntu' ))
    {
        echo 'Browser is Ubuntu';
    }
    elseif (strpos($user, 'Dillo' ))
    {
        echo 'Browser is Dillo';
    }
    elseif (strpos($user, 'SeaMonkey' ))
    {
        echo 'Browser is SeaMonkey';
    }
    elseif (strpos($user, 'Avant' ))
    {
        echo 'Browser is Avant';
    }
    elseif (strpos($user, 'MSIE 7' ))
    {
        echo 'Browser is MS Internet Explorer version 7';
    }
    elseif (strpos($user, 'MSIE 8' ))
    {
        echo 'Browser is MS Internet Explorer version 8';
    }
    elseif (strpos($user, 'MSIE 6' ))
    {
        echo 'Browser is MS Internet Explorer version 6';
    }
    elseif (strpos($user, 'MSIE' ))
    {
        echo 'Browser is MS Internet Explorer version other
than 6, 7, or 8';
    }
    elseif (strpos($user, 'Opera/10' ))
    {
```

```
        echo 'Browser is Opera version 10';
    }
    elseif (strpos($user, 'Opera/9' ))
    {
        echo 'Browser is Opera version 9';
    }
    elseif (strpos($user, 'Opera' ))
    {
        echo 'Browser is an Opera version other than 9 or
10';
    }
    elseif (strpos($user, 'Chrome' ))
    {
        echo 'Browser is Google Chrome';
    }
    elseif (strpos($user, 'Safari' ))
    {
        echo 'Browser is Safari';
    }
    else {echo 'Browser is undetermined';
    }

    ?>
</body>
</html>
```