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<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML1.0 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=utf-8" />
  <title>Upload an RTF Document</title>
</head>
<body>
<?php # script 13.3 - upload_rtf_size.php _ altered to suit ch13 Review and Pursue items 4 and 5
//has the form been submitted?
if ($_SERVER['REQUEST_METHOD']=='POST'){

    //check for an uploaded file
    if (isset($_FILES['upload']) && file_exists($_FILES['upload']['tmp_name'])){

        //validate the type: should be RTF
        //create the source
        $fileinfo = finfo_open(FILEINFO_MIME_TYPE);

        //check the file:
        if (finfo_file($fileinfo, $_FILES['upload']['tmp_name']) == 'text/rtf'){

            //indicate it's OK: also print file MIME type
            echo '<p><em>The ' . finfo_file($fileinfo, $_FILES['upload']['tmp_name']) . '
file would be acceptable.</em></p>';
            //print_r($_FILES['upload']); //just testing the array

            //finfo uses magic bytes within the file itself and can be relied on.
            //the next commented line gives an answer that is browser dependant and
            not reliable.
            //echo '<p><em>The file <b>' . $_FILES['upload']['name'] . '</b> is a MIME
            type ' . $_FILES['upload']['type'] . '. The file size is ' . $_FILES['upload']['size'] . ' bytes.</em></p>';
            echo '<p><em>The file <b>' . $_FILES['upload']['name'] . ' </b>is a MIME
            type ' . finfo_file($fileinfo, $_FILES['upload']['name']) . ' but the browser sees it as a MIME type ' .
            $_FILES['upload']['type'] . '. The file size is ' . $_FILES['upload']['size'] . ' bytes.</em></p>';
            //in theory, move the file over. In reality, delete the file
            unlink($_FILES['upload']['tmp_name']);

        }else{//invalid file type
            echo '<p><em>The ' . finfo_file($fileinfo, $_FILES['upload']['tmp_name']) . '
file is not acceptable.</em></p>';

            echo '<p style="font_weight:bold; color: #C00;">Please upload an RTF file!

</p>';

        }

        //close the resource
        finfo_close($fileinfo);

    }//end of if isset
    //add file upload error handling if desired
    if ($_FILES['upload']['error'] > 0){
        echo '<p class="error">The file could not be uploaded because: <strong> ';
        //print a message based upon the error type
        switch ($_FILES['upload']['error']){
            case 1:
                print 'The file exceeds the upload_max_filesize setting in php.ini.';
                break;
            case 2:
                print 'The file size exceeds the MAX_FILE_SIZE setting ' .
                $_POST['MAX_FILE_SIZE'] . ' in the HTML form.';
                break;

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case 3:
    print 'The file was only partially uploaded.';
    break;
case 4:
    print 'No file was uploaded.';
    break;
case 6:
    print 'No temporary folder was available.';
    break;
case 7:
    print 'Unable to write to disk.';
    break;
case 8;
    print 'File upload stopped.';
    break;

default:
    print 'A system error occurred.';
    break;
} //end of switch

print '</strong></p>';

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    } //end of error IF
} //end of request method
?>

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<form enctype="multipart/form-data" action="upload_rtf_size.php" method="post">
<input type="hidden" name="MAX_FILE_SIZE" value="524288" />
<fieldset><legend>Select an RTF document of 512KB or less to be uploaded:</legend>
    <p><b>File: </b><input type="file" name="upload" /></p>
</fieldset>
<div align="center"><input type="submit" name="submit" value="Submit" /></div>
</form>
</body>
</html>

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