



Jurusan Teknologi Informasi Politeknik Negeri Malang

Jobsheet-8: PHP - Form Upload

Mata Kuliah Desain dan Pemrograman Web

Pengampu: Tim Ajar Desain dan Pemrograman Web

Oktober 2023

Topik

- Konsep Form Upload dengan PHP dan JQuery

Tujuan

Mahasiswa diharapkan dapat:

1. Mahasiswa mampu membuat form upload menggunakan PHP
2. Mahasiswa mampu membuat form upload menggunakan jQuery

Perhatian

Jobsheet ini harus dikerjakan step-by-step sesuai langkah-langkah praktikum yang sudah diberikan. Soal dapat dijawab langsung di dalam kolom yang disediakan dengan menggunakan PDF Editor.

Pendahuluan

File Upload

File upload dalam PHP adalah proses mengunggah file dari komputer pengguna ke server web. Ini berguna dalam banyak kasus, seperti saat pengguna ingin mengunggah gambar profil, dokumen, atau media lainnya ke situs web Anda. Untuk melakukan ini, Anda dapat menggunakan elemen HTML `<input type="file">` bersama dengan PHP untuk mengelola proses pengunggahan.

Berikut adalah langkah-langkah umum untuk mengimplementasikan file upload dalam PHP:

Buat formulir HTML untuk mengunggah file:

```

<!DOCTYPE html>
<html>
<head>
    <title>File Upload</title>
</head>
<body>
    <form action="upload.php" method="post" enctype="multipart/form-data">
        <input type="file" name="fileToUpload" id="fileToUpload">
        <input type="submit" value="Upload File" name="submit">
    </form>
</body>
</html>

```

Buat skrip PHP (**upload.php**) untuk mengelola pengunggahan file:

```

<?php
if (isset($_POST["submit"])) {
    $targetDirectory = "uploads/"; // Direktori tujuan untuk menyimpan file
    $targetFile = $targetDirectory . basename($_FILES["fileToUpload"]["name"]);

    if (move_uploaded_file($_FILES["fileToUpload"]["tmp_name"], $targetFile)) {
        echo "File berhasil diunggah.";
    } else {
        echo "Gagal mengunggah file.";
    }
}

```

Di atas, kita melakukan beberapa langkah penting:

- Membuat formulir HTML dengan elemen **<input type="file">** yang memungkinkan pengguna memilih file yang ingin diunggah.
- Mengatur atribut **enctype** formulir menjadi **"multipart/form-data"** agar file dapat diunggah.
- Ketika pengguna mengklik tombol "Upload File," data formulir akan dikirim ke **upload.php**.
- Di **upload.php**, kita memeriksa apakah pengguna telah mengklik tombol submit (**\$_POST["submit"]**) dan kemudian menentukan direktori tujuan untuk menyimpan file.
- **move_uploaded_file()** digunakan untuk memindahkan file dari direktori sementara (temp) ke direktori tujuan yang telah ditentukan.
- Pesan yang sesuai (berhasil atau gagal) akan ditampilkan ke pengguna.

Pastikan Anda memiliki direktori **uploads** yang ada di server Anda, dan berikan izin yang sesuai agar PHP dapat menyimpan file di sana.

Praktikum 1. Upload File

Langkah	Keterangan
1	Buatlah satu file baru di dalam direktori dasarWeb, beri nama <code>form_upload.php</code> .
2	Ketikkan ke dalam file <code>form_upload.php</code> tersebut kode di bawah ini.

3

```
<!DOCTYPE html>
<html>
<head>
  <title>File Upload</title>
</head>
<body>
  <form action="upload.php" method="post" enctype="multipart/form-data">
    <input type="file" name="fileToUpload" id="fileToUpload">
    <input type="submit" value="Upload File" name="submit">
  </form>
</body>
</html>
```

```
<?php
if (isset($_POST["submit"])) {
  $targetDirectory = "uploads/"; // Direktori tujuan untuk menyimpan file
  $targetFile = $targetDirectory . basename($_FILES["fileToUpload"]["name"]);

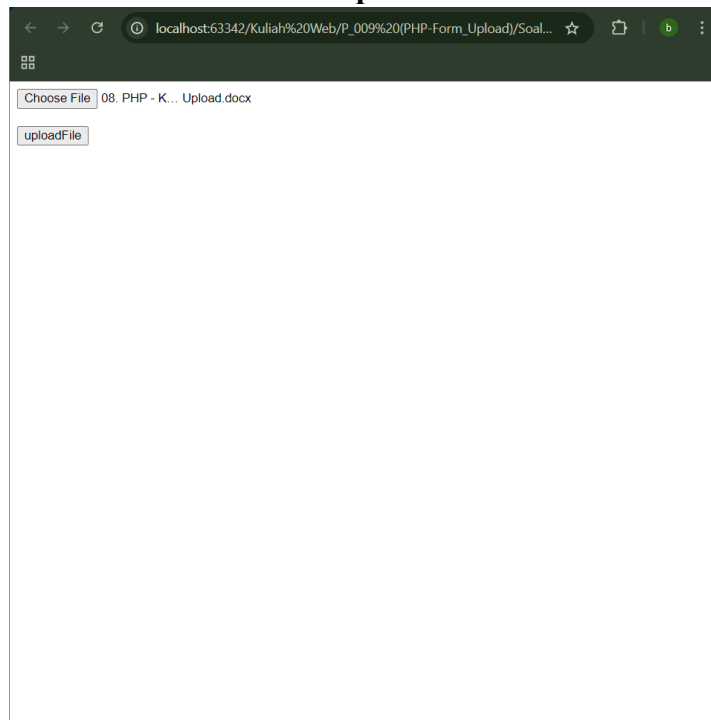
  if (move_uploaded_file($_FILES["fileToUpload"]["tmp_name"], $targetFile)) {
    echo "File berhasil diunggah.";
  } else {
    echo "Gagal mengunggah file.";
  }
}
```

4

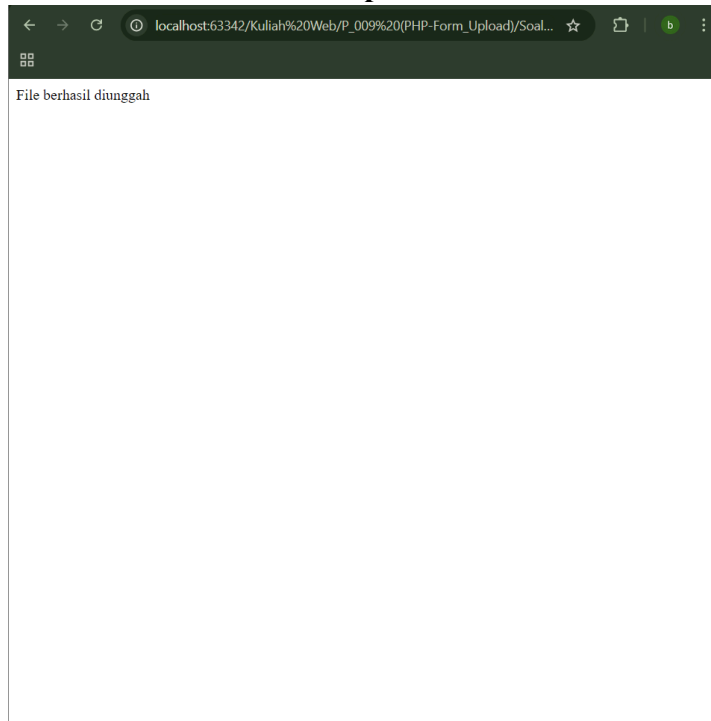
Simpan file tersebut, kemudian buka browser dan jalankan localhost/dasarWeb/form_upload.php. Apa yang anda pahami dari script pada file tersebut. Catat di bawah ini pemahaman anda. (soal no 1.1)

Jawab:

input



output



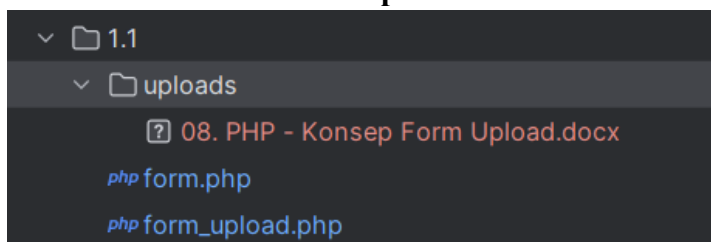
form.php

```
1 <!doctype html>
2 <html lang="en">
3 <head>
4 <title>File Upload</title>
5 </head>
6 <body>
7 <form action="form_upload.php" method="post"
8     enctype="multipart/form-data">
9     <input type="file" name="fileToUpload" id="fileToUpload"><br>
10    <input type="submit" value="uploadFile" name="submit">
11 </form>
12 </body>
13 </html>
```

form_upload.php

```
1 <?php
2 if (isset($_POST["submit"])) {
3     $target_dir = "uploads/";
4     $target_file = $target_dir
5         . basename($_FILES["fileToUpload"]["name"]);
6
7     if (move_uploaded_file($_FILES["fileToUpload"]
8         ["tmp_name"], $target_file)) {
9         echo "File berhasil diunggah";
10    } else {
11        echo "Gagal mengunggah file";
12    }
13 }
```

folder upload



Analisis: Ketika file berhasil diupload, maka file akan diletakkan di direktori uploads.

```

<?php
if (isset($_POST["submit"])) {
    $targetDirectory = "uploads/"; // Direktori tujuan untuk menyimpan file
    $targetFile = $targetDirectory . basename($_FILES["fileToUpload"]["name"]);
    $fileType = strtolower(pathinfo($targetFile, PATHINFO_EXTENSION));

    $allowedExtensions = array("jpg", "jpeg", "png", "gif");

    $maxFileSize = 5 * 1024 * 1024;

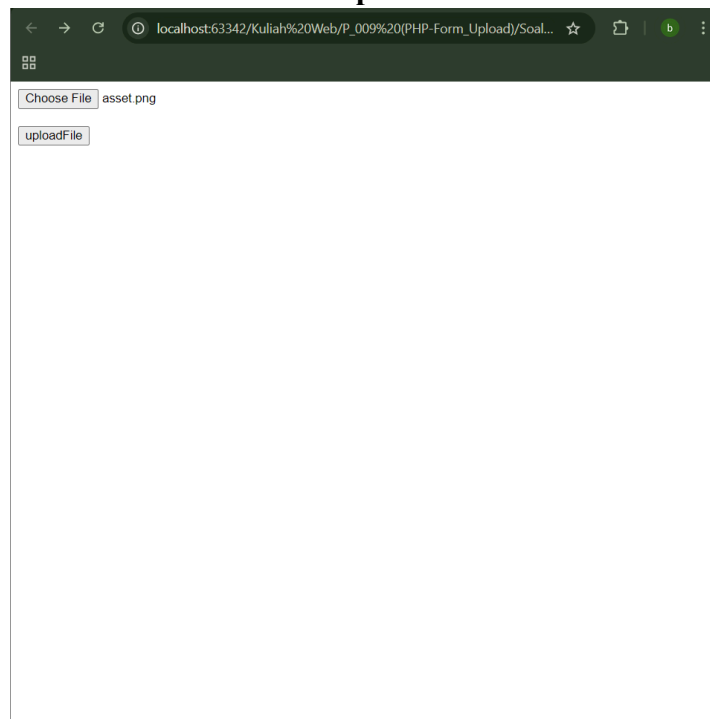
    if (in_array($fileType, $allowedExtensions) && $_FILES["fileToUpload"]["size"] <= $maxFileSize) {
        if (move_uploaded_file($_FILES["fileToUpload"]["tmp_name"], $targetFile)) {
            echo "File berhasil diunggah.";
        } else {
            echo "Gagal mengunggah file.";
        }
    } else {
        echo "File tidak valid atau melebihi ukuran maksimum yang diizinkan.";
    }
}

```

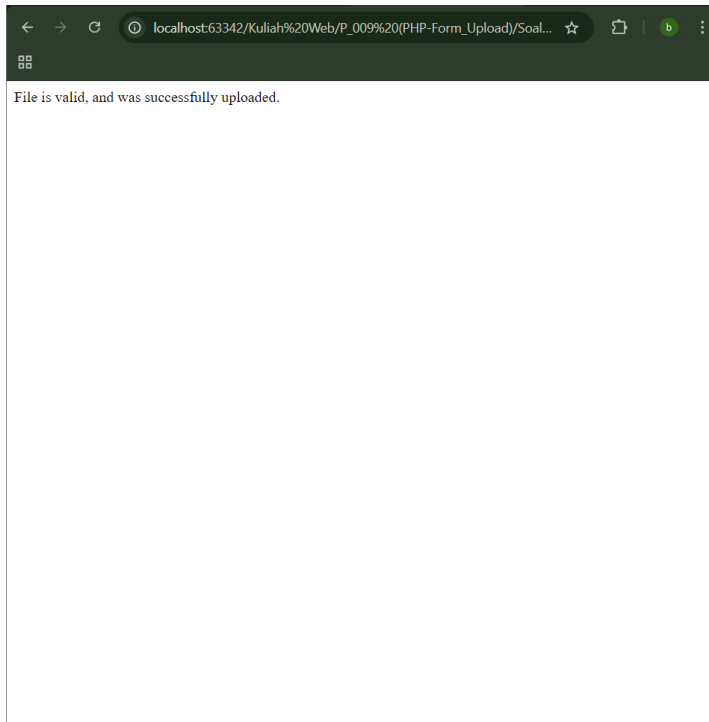
Simpan file tersebut, kemudian buka browser dan jalankan localhost/dasarWeb/form_upload.php . Apa yang anda pahami dari penggunaan script tersebut. Catat di bawah ini pemahaman anda. (soal no 1.2)

Jawab:

input



output



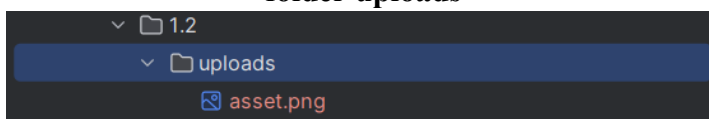
form.php

```
1 <!doctype html>
2 <html lang="en">
3 <head>
4 <title>File Upload</title>
5 </head>
6 <body>
7 <form action="form_upload.php" method="post"
8     enctype="multipart/form-data">
9     <input type="file" name="fileToUpload" id="fileToUpload"><br>
10    <input type="submit" value="uploadFile" name="submit">
11 </form>
12 </body>
13 </html>
```

form_upload.php

```
1 <?php
2 if (isset($_POST["submit"])) {
3     $target_dir = "uploads/";
4     $target_file = $target_dir . basename($_FILES["fileToUpload"]["name"])
5     $file_type = strtolower(pathinfo($target_file,
6     flags: PATHINFO_EXTENSION));
7
8     $allowed_type = array('jpg', 'jpeg', 'gif', 'png');
9
10    $maxFileSize = 5 * 1024 * 1024;
11
12    if (in_array($file_type, $allowed_type) && $_FILES["fileToUpload"]
13        ["size"] <= $maxFileSize) {
14        if (move_uploaded_file($_FILES["fileToUpload"]["tmp_name"],
15            $target_file)) {
16            echo "File is valid, and was successfully uploaded.\n";
17        } else {
18            echo "Sorry, there was an error uploading your file.\n";
19        }
20    } else {
21        echo "Sorry, your file was not uploaded.\n";
22    }
23 }
24 }
```

folder uploads

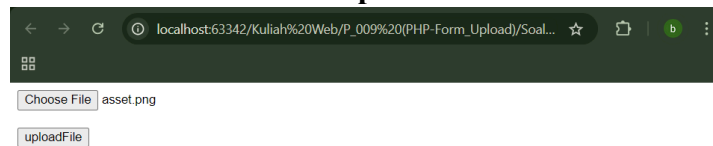


Analisis: Sama seperti sebelumnya, hanya saja sekarang hanya diijinkan untuk mengupload gambar saja dan file selain format yang terdapat pada array `allowed_type` tidak diijinkan, juga sekarang terdapat batas memori, yaitu 2 Mb jika lebih maka file tidak dapat diupload.

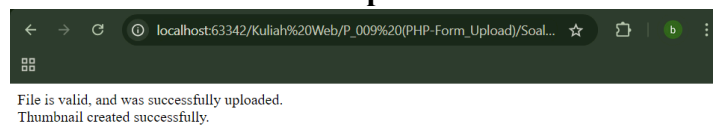
Soal 1.3: Tambahkan script langkah 5 untuk membuat file gambar thumbnail dengan ukuran lebar 200 dan tinggi mengikuti perubahan secara otomatis. Catat di sini apa yang anda amati dari penambahan kode program di atas. (soal no 1.3)

Jawab:

input



output



form.php

```

1 <!doctype html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>File Upload</title>
7 </head>
8 <body>
9 <form action="form_upload.php" method="post" enctype="multipart/form-data">
10     <input type="file" name="fileToUpload" id="fileToUpload"><br><br>
11     <input type="submit" value="uploadFile" name="submit">
12 </form>
13 </body>
14 </html>

```

form_upload.php

```

1 <?php
2 if (isset($_POST["submit"])) {
3     $target_dir = "uploads/";
4     if (isset($_FILES["fileToUpload"]))
5         && $_FILES["fileToUpload"]["error"] == 0) {
6         $target_file = $target_dir
7             . basename($_FILES["fileToUpload"]["name"]);
8         $file_type = strtolower(pathinfo($target_file,
9             flags: PATHINFO_EXTENSION));
10
11         $allowed_type = array('jpg', 'jpeg', 'gif', 'png');
12         $maxFileSize = 5 * 1024 * 1024;
13
14         if (in_array($file_type, $allowed_type)
15             && $_FILES["fileToUpload"]["size"] <= $maxFileSize) {
16             if (move_uploaded_file($_FILES["fileToUpload"]["tmp_name"],
17                 $target_file)) {
18                 echo "File is valid, and was successfully uploaded.<br>";
19                 createThumbnail($target_file, $file_type,
20                     thumbpath: $target_dir . 'thumb_'
21                     . basename($_FILES["fileToUpload"]["name"]));
22                 echo "Thumbnail created successfully.";
23             } else {
24                 echo "Sorry, there was an error uploading your file.";
25             }
26         } else {
27             echo "Sorry, your file was not uploaded.
28                 Only JPG, JPEG, PNG, and GIF files under 5MB are allowed.";
29         }
30     }
31 }
32 }
33 }
34 }
35 }
36 }
37 }
38 }
39 }
40 }
41 }
42 }
43 }
44 }
45 }
46 }
47 }
48 }
49 }
50 }
51 }
52 }
53 }
54 }
55 }
56 }
57 }

```

```

30 } else {
31     echo "No file uploaded or an error occurred during the file upload.";
32 }
33 }
34 }
35 }
36 }
37 }
38 }
39 }
40 }
41 }
42 }
43 }
44 }
45 }
46 }
47 }
48 }
49 }
50 }
51 }
52 }
53 }
54 }
55 }
56 }
57 }

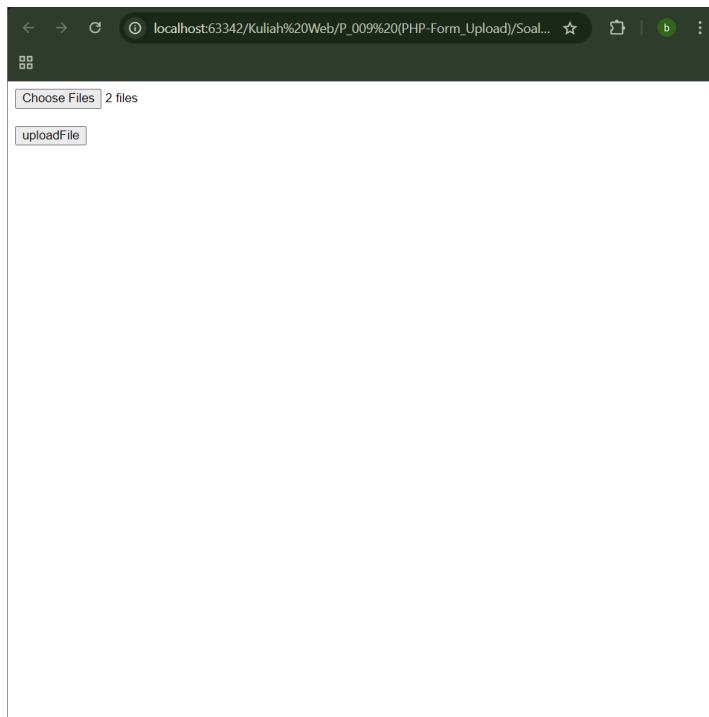
```


	<pre>59 imagecopyresampled(\$thumbnail, \$source, \$dst_x, \$dst_y, 0, 60 \$src_x, \$src_y, 0, \$thumbWidth, \$thumbHeight, \$width, \$height); 61 switch (\$file_type) { 62 case 'jpg': 63 case 'jpeg': 64 imagejpeg(\$thumbnail, \$thumbpath); 65 break; 66 case 'png': 67 imagepng(\$thumbnail, \$thumbpath); 68 break; 69 case 'gif': 70 imagegif(\$thumbnail, \$thumbpath); 71 break; 72 } 73 74 imagedestroy(\$thumbnail); 75 imagedestroy(\$source); 76 }</pre> <p style="text-align: center;">folder upload</p>  <p>Analisis: Lanjutan dari soal 1.2 yaitu sekarang saya tambahkan fungsi untuk membuat thumbnail.</p>
8	<p>Ubah isi dari file <code>upload.php</code> tersebut dengan kode di bawah ini.</p> <pre><?php if (isset(\$_POST["submit"])) { \$targetDirectory = "documents/"; // Direktori tujuan untuk menyimpan dokumen \$targetFile = \$targetDirectory . basename(\$_FILES["documentToUpload"]["name"]); \$documentFileType = strtolower(pathinfo(\$targetFile, PATHINFO_EXTENSION)); \$allowedExtensions = array("txt", "pdf", "doc", "docx"); \$maxFileSize = 10 * 1024 * 1024; if (in_array(\$documentFileType, \$allowedExtensions) && \$_FILES["documentToUpload"]["size"] <= \$maxFileSize) { if (move_uploaded_file(\$_FILES["documentToUpload"]["tmp_name"], \$targetFile)) { echo "Dokumen berhasil diunggah."; } else { echo "Gagal mengunggah dokumen."; } } else { echo "Jenis dokumen tidak valid atau melebihi ukuran maksimum yang diizinkan."; } }</pre>
9	<p>Simpan file tersebut, kemudian buka browser dan jalankan <code>localhost/dasarWeb/form_upload.php</code> . Apa yang anda pahami dari penggunaan script tersebut. Catat di bawah ini pemahaman anda. (soal no 1.4)</p>

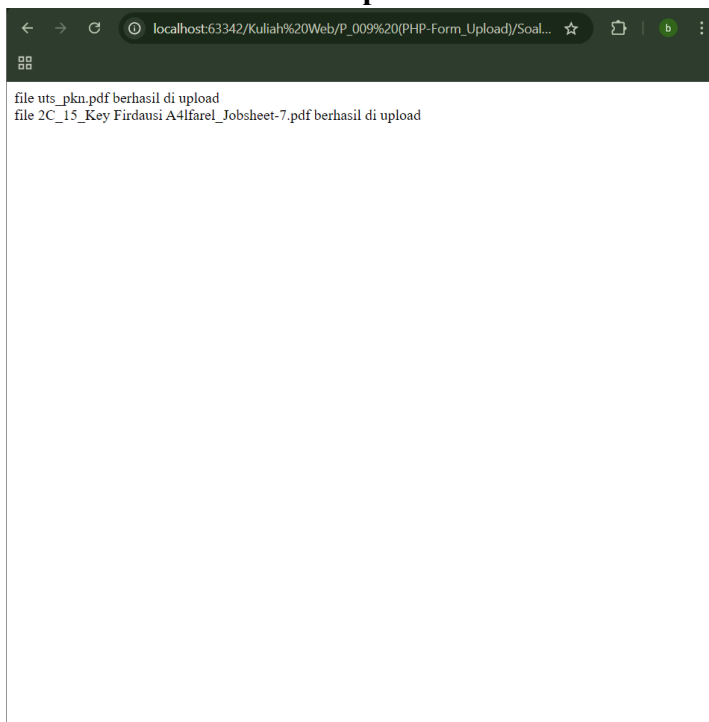
Praktikum 2. Multi Upload File

Langkah	Keterangan
1	Buatlah satu file baru di dalam direktori <code>dasarWeb</code> , beri nama <code>form_multiupload.php</code> .
2	Ketikkan ke dalam file <code>form_multiupload.php</code> tersebut kode di bawah ini.

3	<pre><!DOCTYPE html> <html> <head> <title>Multiupload Dokumen</title> </head> <body> <h2>Unggah Dokumen</h2> <form action="proses_upload.php" method="post" enctype="multipart/form-data"> <input type="file" name="files[]" multiple="multiple" accept=".pdf, .doc, .docx" /> <input type="submit" value="Unggah" /> </form> </body> </html></pre> <p>proses_upload.php</p> <pre><?php // Lokasi penyimpanan file yang diunggah \$targetDirectory = "documents/"; // Periksa apakah direktori penyimpanan ada, jika tidak maka buat if (!file_exists(\$targetDirectory)) { mkdir(\$targetDirectory, 0777, true); } if (\$_FILES['files']['name'][0]) { \$totalFiles = count(\$_FILES['files']['name']); // Loop melalui semua file yang diunggah for (\$i = 0; \$i < \$totalFiles; \$i++) { \$fileName = \$_FILES['files']['name'][\$i]; \$targetFile = \$targetDirectory . \$fileName; // Pindahkan file yang diunggah ke direktori penyimpanan if (move_uploaded_file(\$_FILES['files']['tmp_name'][\$i], \$targetFile)) { echo "File \$fileName berhasil diunggah.
"; } else { echo "Gagal mengunggah file \$fileName.
"; } } } else { echo "Tidak ada file yang diunggah."; }</pre>
4	<p>Simpan file tersebut, kemudian buka browser dan jalankan localhost/dasarWeb/form_multiupload.php. Apa yang anda pahami dari script pada file tersebut. Catat di bawah ini pemahaman anda. (soal no 2.1)</p> <p>Jawab:</p> <p style="text-align: center;">input</p>



output



form.php

```
1 <!doctype html>
2 <html lang="en">
3 <head>
4 <title>File Upload</title>
5 </head>
6 <body>
7 <form action="form_upload.php" method="post" enctype="multipart/form-data">
8   <input type="file" name="files[]" multiple="multiple" accept=".pdf, .doc,
9   <input type="submit" value="uploadFile" name="submit">
10 </form>
11 </body>
12 </html>
```

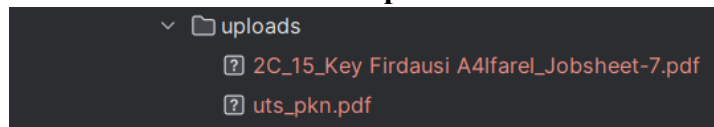
form_upload.php

```

1 <?php
2 if (isset($_POST["submit"])) {
3     $target_dir = "uploads/";
4
5     if (!file_exists($target_dir)) {
6         mkdir($target_dir, permissions: 0777, recursive: true);
7     }
8
9     if ($_FILES['files']['name'][0]) {
10         $total = count($_FILES['files']['name']);
11
12         for ($i = 0; $i < $total; $i++) {
13             $filename = $_FILES['files']['name'][$i];
14             $target_file = $target_dir . $filename;
15
16             if (move_uploaded_file($_FILES['files']['tmp_name'][$i],
17                 $target_file)) {
18                 echo "file $filename berhasil di upload <br>";
19             } else {
20                 echo "Sorry, there was an error uploading your file.";
21             }
22         }
23     } else {
24         echo "Sorry, there was an error uploading your file.";
25     }
26 }
27

```

folder upload

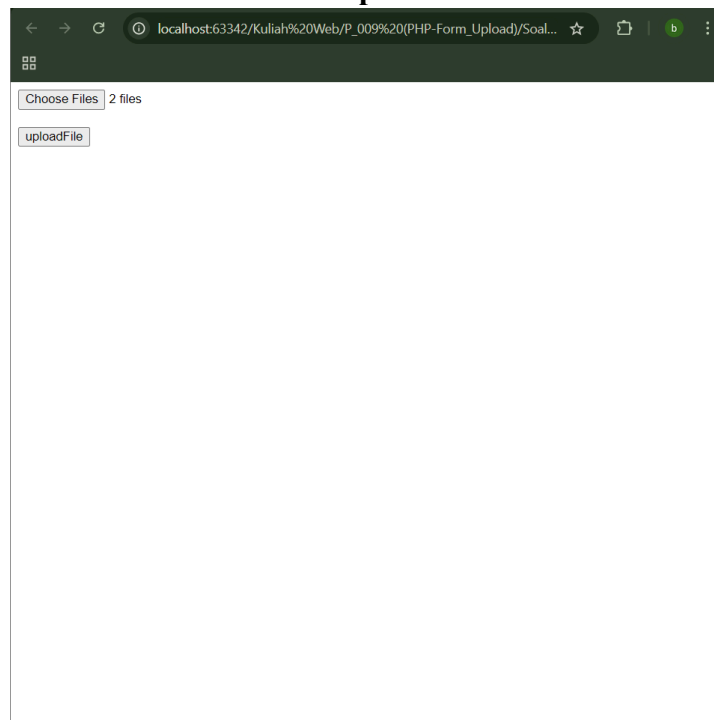


Analisis: Sekarang saya dapat mengupload lebih dari 1 file secara bersamaan dengan type file yang sebelumnya ada di array, namun sekarang ada di script html.

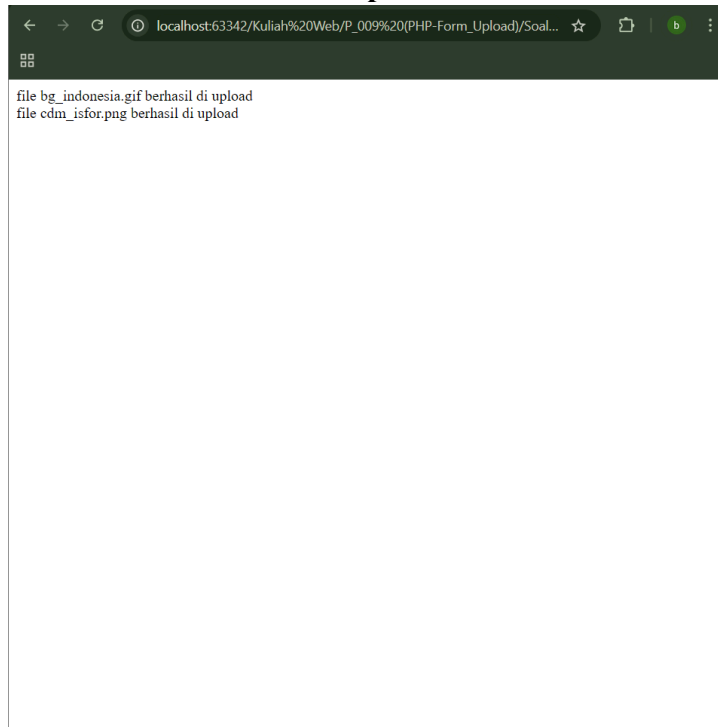
Soal 2.2: Buat seperti langkah 3 dengan multi upload khusus gambar. Catat di sini apa yang anda amati dari kode program di atas. (soal no 2.2)

Jawab:

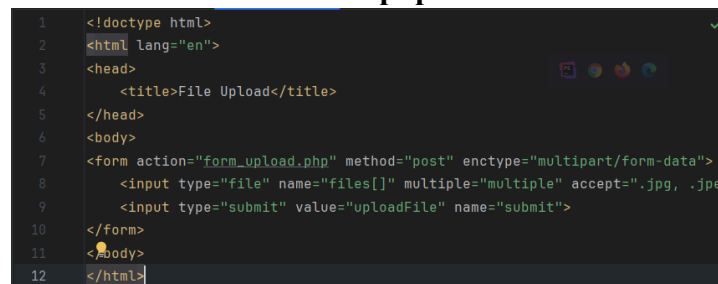
input



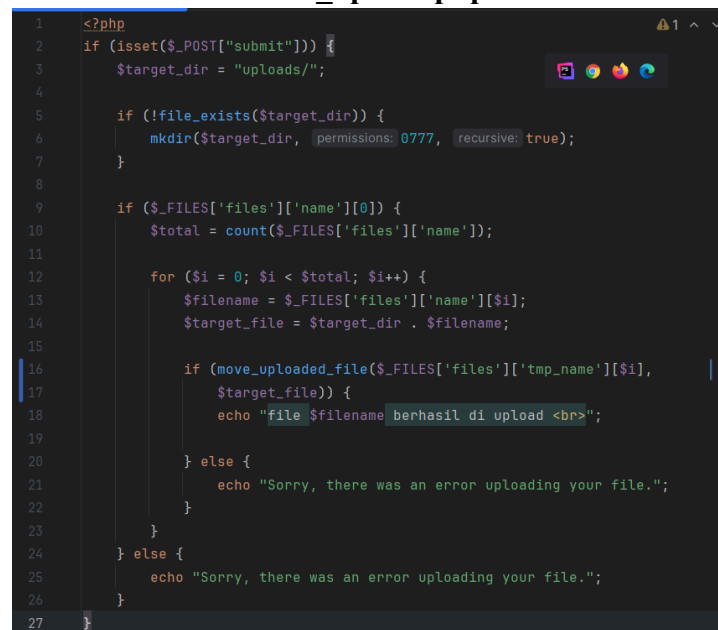
output



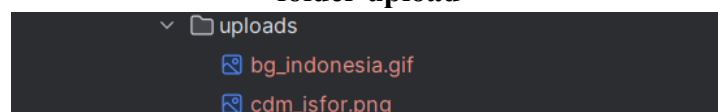
form.php



form_upload.php



folder upload



	Analisis: Sama seperti soal 2.1 namun sekarang hanya bisa mengupload gambar dengan format yang disebutkan di script html.
--	--

Praktikum 3. Upload File dengan PHP dan JQuery

Langkah	Keterangan
1	Buatlah satu file baru di dalam direktori dasarWeb, beri nama form_upload_ajax.php.
2	Ketikkan ke dalam file form_upload_ajax.php tersebut kode di bawah ini.
3	<div> <div> <pre> <!DOCTYPE html> <html> <head> <title>Unggah File Dokumen</title> </head> <body> <form id="upload-form" action="upload_ajax.php" method="post" enctype="multipart/form-data"> <input type="file" name="file" id="file"> <input type="submit" name="submit" value="Unggah"> </form> <div id="status"></div> <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script> <script src="upload.js"></script> </body> </html> </pre> </div> <div> <div>upload.js</div> <pre> \$(document).ready(function(){ \$('#upload-form').submit(function(e){ e.preventDefault(); var formData = new FormData(this); \$.ajax({ type: 'POST', url: 'upload_ajax.php', data: formData, cache: false, contentType: false, processData: false, success: function(response){ \$('#status').html(response); }, error: function(){ \$('#status').html('Terjadi kesalahan saat mengunggah file.');</pre></div> </div> <div>upload_ajax.php</div>

```

<?php
if (isset($_FILES['file'])) {
    $errors = array();
    $file_name = $_FILES['file']['name'];
    $file_size = $_FILES['file']['size'];
    $file_tmp = $_FILES['file']['tmp_name'];
    $file_type = $_FILES['file']['type'];
    @ $file_ext = strtolower(" " . end(explode('.', $_FILES['file']['name']))) . "");
    $extensions = array("pdf", "doc", "docx", "txt");

    if (in_array($file_ext, $extensions) === false) {
        $errors[] = "Ekstensi file yang diizinkan adalah PDF, DOC, DOCX, atau TXT.";
    }

    if ($file_size > 2097152) {
        $errors[] = 'Ukuran file tidak boleh lebih dari 2 MB';
    }

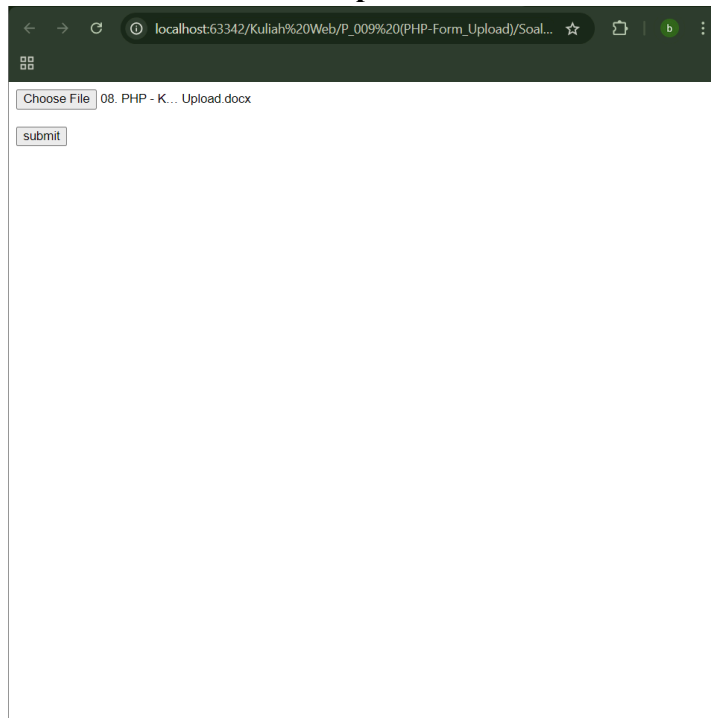
    if (empty($errors) == true) {
        move_uploaded_file($file_tmp, "documents/" . $file_name);
        echo "File berhasil diunggah.";
    } else {
        echo implode(" ", $errors);
    }
}

```

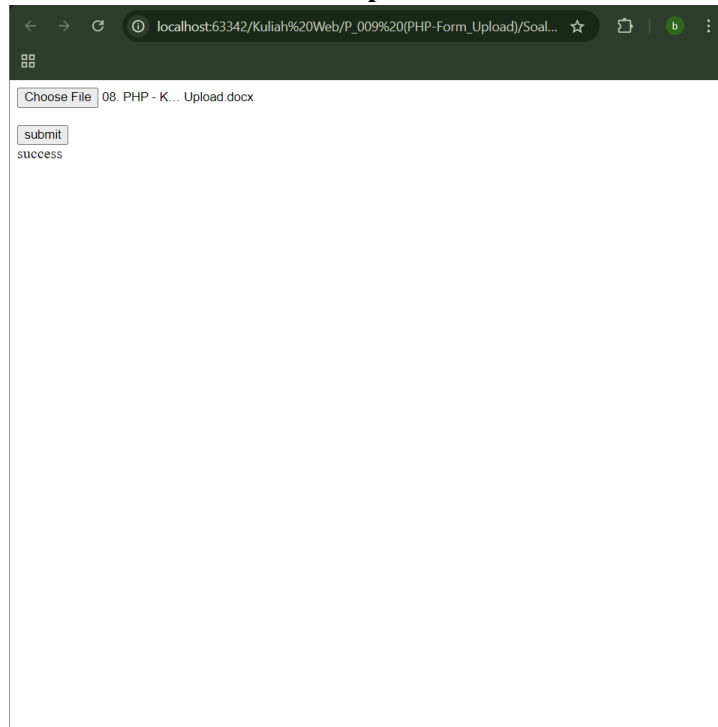
Simpan file tersebut, kemudian buka browser dan jalankan localhost/dasarWeb/form_upload_ajax.php. Apa yang anda pahami dari script pada file tersebut. Catat di bawah ini pemahaman anda. (soal no 3.1)

Jawab:

input



output



form.php

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Unggah File Dokumen</title>
7 </head>
8 <body>
9     <form id="upload-form" action="upload_ajax.php" method="post" enctype="multip
10     <input type="file" name="file" id="file"><br><br>
11     <input type="submit" name="submit" value="submit">
12 </form>
13 <div id="status"></div>
14
15 <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
16 <script src="upload.js"></script>
17 </body>
18 </html>
```

upload.js

```
1 $(document).ready(function() :void { keyfarel
2     $('#upload-form').submit(function(e) :void {
3         e.preventDefault();
4
5         var formData :FormData = new FormData(this);
6
7         $.ajax({
8             type: 'POST',
9             url: 'upload_ajax.php',
10            data: formData,
11            cache: false,
12            contentType: false,
13            processData: false,
14            success: function(response) :void {
15                $('#status').html(response);
16            },
17            error: function() :void {
18                $('#status').html('Terjadi kesalahan saat mengunggah file.');
```

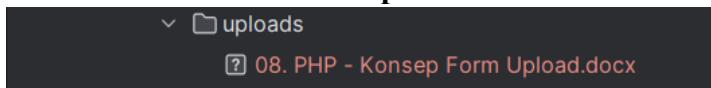
form_upload.php


```

1 <?php
2 if (isset($_FILES['file'])) {
3     $errors = array();
4     $file_name = $_FILES['file']['name'];
5     $file_size = $_FILES['file']['size'];
6     $file_tmp = $_FILES['file']['tmp_name'];
7     $file_type = $_FILES['file']['type'];
8     $file_ext = strtolower(pathinfo($file_name, flags: PATHINFO_EXTENSION));
9     $extensions = array("pdf", "doc", "docx", "txt");
10
11     if (in_array($file_ext, $extensions) === false) {
12         $errors[] = "Sorry, only pdf, doc, docx and txt files are allowed.";
13     }
14
15     if ($file_size > 2097152) {
16         $errors[] = "Sorry, your file is too large.";
17     }
18
19     if (empty($errors) == true) {
20         move_uploaded_file($file_tmp, "uploads/" . $file_name);
21         echo "success";
22     } else {
23         echo implode( separator: "<br>", $errors);
24     }
25 }

```

folder upload

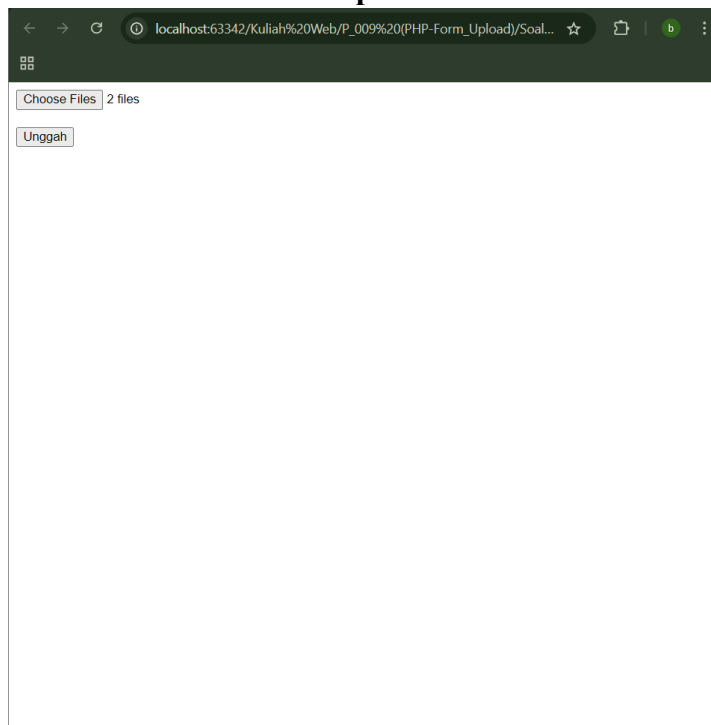


Analisis: Sekarang dengan menggunakan ajax, file dengan type pada array extensions tidak perlu pindah halaman, dan dimunculkan ke div status.

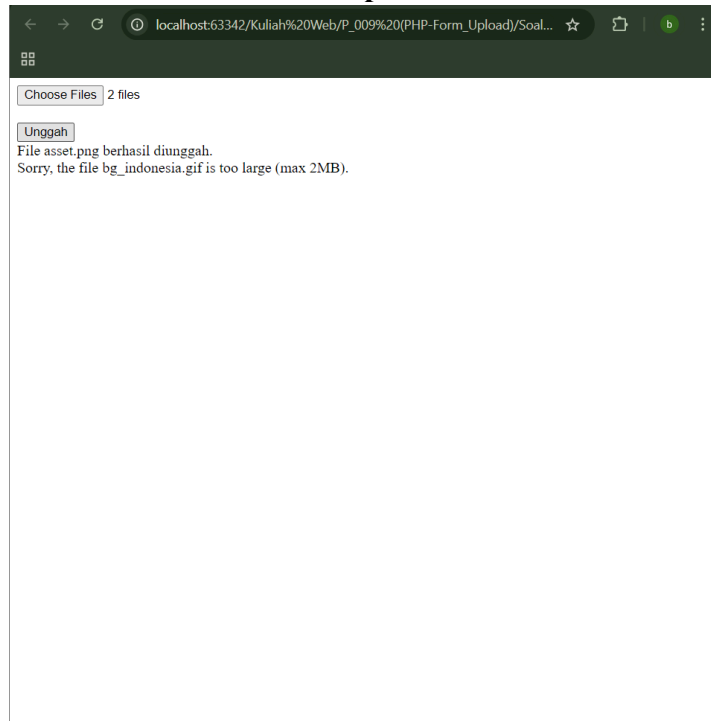
Soal 3.2: Buat seperti langkah 3 dengan multi upload khusus gambar dan JQuery. Catat di sini apa yang anda amati dari kode program di atas. (soal no 3.2)

Jawab:

input



output



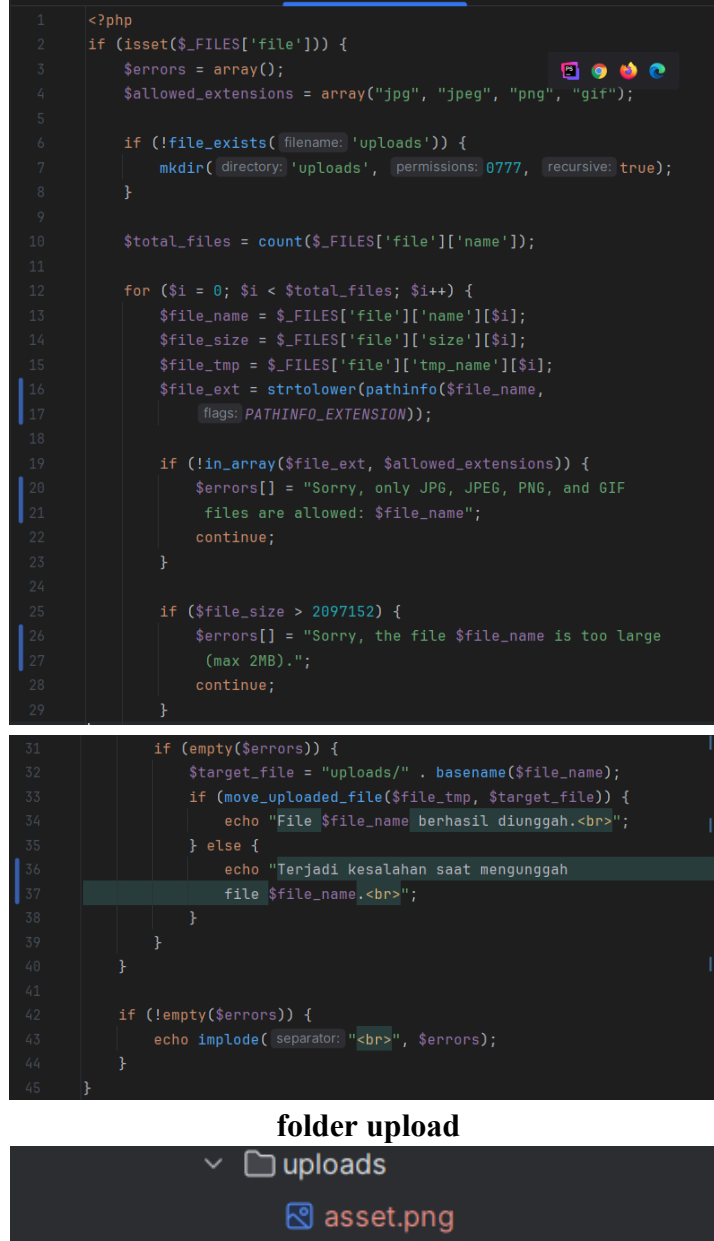
form.php

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Unggah Banyak Gambar</title>
7 </head>
8 <body>
9     <form id="upload-form" action="upload_ajax.php" method="post"
10         enctype="multipart/form-data">
11         <input type="file" name="file[]" id="file" multiple="multiple"
12             accept="image/*"><br><br>
13         <input type="submit" name="submit" value="Unggah">
14     </form>
15     <div id="status"></div>
16
17     <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
18     <script src="upload.js"></script>
19 </body>
20 </html>
```

upload.js

```
1 $(document).ready(function() :void {
2     $('#upload-form').submit(function(e) :void {
3         e.preventDefault();
4
5         var formData :FormData = new FormData(this);
6
7         $.ajax({
8             type: 'POST',
9             url: 'upload_ajax.php',
10            data: formData,
11            cache: false,
12            contentType: false,
13            processData: false,
14            success: function(response) :void {
15                $('#status').html(response);
16            },
17            error: function() :void {
18                $('#status').html('Terjadi kesalahan saat ' +
19                    'mengunggah file.');
```

form_upload.php



Analisis: Sama seperti sebelumnya, bedanya sekarang hanya bisa upload gambar.

Praktikum 4. Menghias Upload File

Langkah	Keterangan
1	Memodifikasi script yang sudah di buat pada Praktikum 3 yaitu form_upload_ajax.php dan upload.js
2	Ketikkan ke dalam semua file dan tambahkan 1 file berupa css dengan kode di bawah ini.

```

<!DOCTYPE html>
<html>

<head>
  <link rel="stylesheet" type="text/css" href="upload.css">
  <title>Unggah File Dokumen</title>
</head>

<body>
  <div class="upload-form-container">
    <h2>Unggah File Dokumen</h2>
    <form id="upload-form" action="upload.php" method="post" enctype=
"multipart/form-data">
      <div class="file-input-container">
        <input type="file" name="file" id="file" class="file-input">
        <label for="file" class="file-label">Pilih File</label>
      </div>
      <button type="submit" name="submit" class="upload-button" id="upload-button"
disabled>Unggah</button>
    </form>
    <div id="status" class="upload-status"></div>
  </div>

  <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
  <script src="upload.js"></script>
</body>

</html>

```

3

upload.js

```

$(document).ready(function(){
  $('#file').change(function(){
    if (this.files.length > 0) {
      $('#upload-button').prop('disabled', false).css('opacity', 1);
    } else {
      $('#upload-button').prop('disabled', true).css('opacity', 0.5);
    }
  });

  $('#upload-form').submit(function(e){
    e.preventDefault();

    var formData = new FormData(this);

    $.ajax({
      type: 'POST',
      url: 'upload_ajax.php',
      data: formData,
      cache: false,
      contentType: false,
      processData: false,
      success: function(response){
        $('#status').html(response);
      },
      error: function(){
        $('#status').html('Terjadi kesalahan saat mengunggah file. ');
      }
    });
  });
});

```

4

upload.css

```

.upload-form-container {
  max-width: 400px;
  margin: 0 auto;
  padding: 20px;
  border: 1px solid #ccc;
  border-radius: 5px;
  text-align: center;
}

h2 {
  margin: 0;
  font-size: 24px;
  color: #333;
}

.file-input-container {
  display: flex;
  justify-content: center;
  align-items: center;
  margin: 20px 0;
}

.file-input {
  display: none;
}

.file-label {
  background: #3498db;
  color: #fff;
  padding: 10px 20px;
  border-radius: 5px;
  cursor: pointer;
}

.upload-button {
  background: #2ecc71;
  color: #fff;
  padding: 10px 20px;
  border: none;
  border-radius: 5px;
  cursor: pointer;
  opacity: 0.5; /* Opacity to make it appear faded */
}

.upload-button:disabled {
  background: #ccc; /* Change color when disabled */
  cursor: not-allowed; /* Change cursor style when disabled */
}

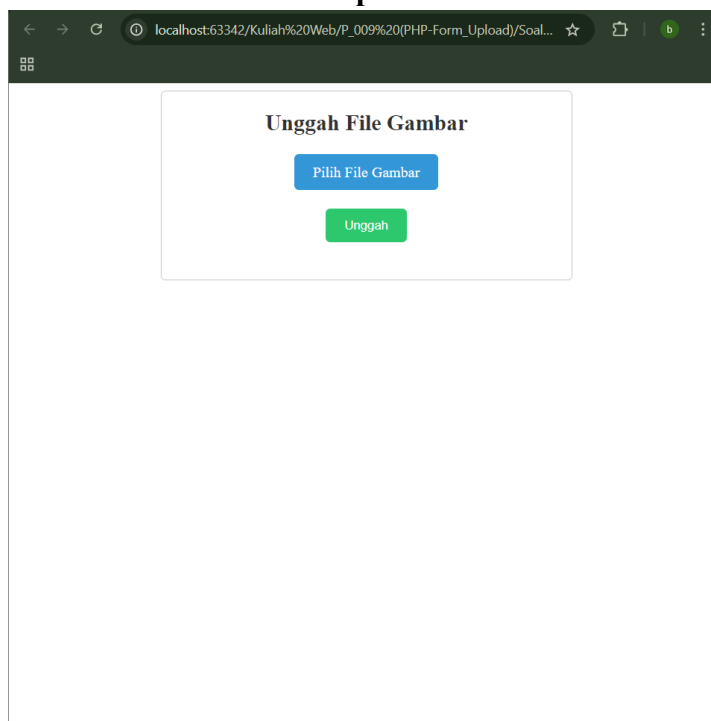
.upload-status {
  margin-top: 20px;
  font-weight: bold;
}

```

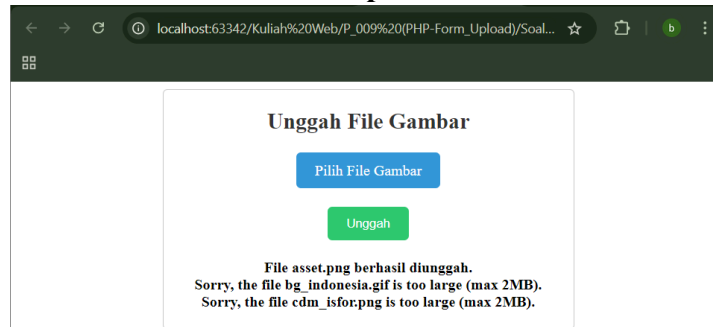
Simpan file tersebut, kemudian buka browser dan jalankan localhost/dasarWeb/form_upload_ajax.php. Apa yang anda pahami dari script pada file tersebut. Catat di bawah ini pemahaman anda. (soal no 4.1)

Jawab:

input



output



form.php

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Unggah File Gambar</title>
7     <link rel="stylesheet" type="text/css" href="style.css">
8 </head>
9 <body>
10 <div class="upload-form-container">
11     <h2>Unggah File Gambar</h2>
12     <form id="upload-form" action="upload_ajax.php" method="post"
13         enctype="multipart/form-data">
14         <div class="file-input-container">
15             <input type="file" name="file[]" id="file" class="file-input"
16                 multiple accept=".jpg, .jpeg, .png, .gif">
17             <label for="file" class="file-label">Pilih File Gambar</label>
18         </div>
19         <button type="submit" name="submit" class="upload-button"
20             id="upload-button" disabled>Unggah</button>
21     </form>
22     <div id="status" class="upload-status"></div>
23 </div>
24
25 <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
26 <script src="upload.js"></script>
27 </body>
28 </html>
```

style.css

```

1  .upload-form-container {
2      max-width: 400px;
3      margin: 0 auto;
4      padding: 20px;
5      border: 1px solid #ccc;
6      border-radius: 5px;
7      text-align: center;
8  }
9
10 h2 {
11     margin: 0;
12     font-size: 24px;
13     color: #333;
14 }
15
16 .file-input-container {
17     display: flex;
18     justify-content: center;
19     align-items: center;
20     margin: 20px 0;
21 }
22
23 .file-input {
24     display: none;
25 }
26
27 .file-label {
28     background: #3498db;
29     color: #fff;
30     padding: 10px 20px;
31     border-radius: 5px;
32     cursor: pointer;
33 }
34
35 .upload-button {
36     background: #2ecc71;
37     color: #fff;
38     padding: 10px 20px;
39     border: none;
40     border-radius: 5px;
41     cursor: pointer;
42     opacity: 0.5;
43 }
44
45 .upload-button:disabled {
46     background: #ccc;
47     cursor: not-allowed;
48 }
49
50 .upload-status {
51     margin-top: 20px;
52     font-weight: bold;
53 }

```

upload.js

```

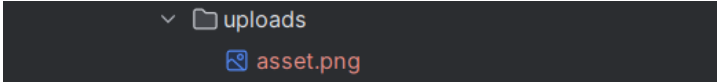
1  $(document).ready(function() :void { keyfarel
2      $('#file').change(function() :void {
3          if (this.files.length > 0) {
4              $('#upload-button').prop('disabled', false).css('opacity', 1);
5          } else {
6              $('#upload-button').prop('disabled', true).css('opacity', 0.5);
7          }
8      });
9
10     $('#upload-form').submit(function(e) :void {
11         e.preventDefault();
12
13         var formData :FormData = new FormData(this);
14
15         $.ajax({
16             type: 'POST',
17             url: 'upload_ajax.php',
18             data: formData,
19             cache: false,
20             contentType: false,
21             processData: false,
22             success: function(response) :void {
23                 $('#status').html(response);
24             },
25             error: function() :void {
26                 $('#status').html('Terjadi kesalahan saat mengunggah file.');

```

form_upload.php

```
1 <?php
2 if (isset($_FILES['file'])) {
3     $errors = array();
4     $allowed_extensions = array("jpg", "jpeg", "png", "gif");
5
6     if (!file_exists('uploads')) {
7         mkdir('uploads', 0777, recursive: true);
8     }
9
10    $total_files = count($_FILES['file']['name']);
11
12    for ($i = 0; $i < $total_files; $i++) {
13        $file_name = $_FILES['file']['name'][$i];
14        $file_size = $_FILES['file']['size'][$i];
15        $file_tmp = $_FILES['file']['tmp_name'][$i];
16        $file_ext = strtolower(pathinfo($file_name,
17            flags: PATHINFO_EXTENSION));
18
19        if (!in_array($file_ext, $allowed_extensions)) {
20            $errors[] = "Sorry, only JPG, JPEG, PNG, and GIF
21            files are allowed: $file_name";
22            continue;
23        }
24
25        if ($file_size > 2097152) {
26            $errors[] = "Sorry, the file $file_name is too large (max 2MB).";
27            continue;
28        }
29
30        if (empty($errors)) {
31            $target_file = "uploads/" . basename($file_name);
32            if (move_uploaded_file($file_tmp, $target_file)) {
33                echo "File $file_name berhasil diunggah.<br>";
34            } else {
35                $errors[] = "Terjadi kesalahan saat mengunggah file
36                $file_name.";
37            }
38        }
39    }
40
41    if (!empty($errors)) {
42        echo implode( separator: "<br>", $errors);
43    }
44 } else {
45     echo "Tidak ada file yang diunggah.";
46 }
```

folder upload



Analisis: Sama seperti percobaan 3.2 bedanya sekarang tampilan lebih menarik karena menggunakan css.