

The background features abstract, organic shapes in dark blue and orange. In the top-left corner, there are three dark blue shapes. In the top-right corner, there is a large orange shape. In the bottom-left corner, there is an orange shape. In the bottom-right corner, there are several dark blue shapes.

# Image Upload

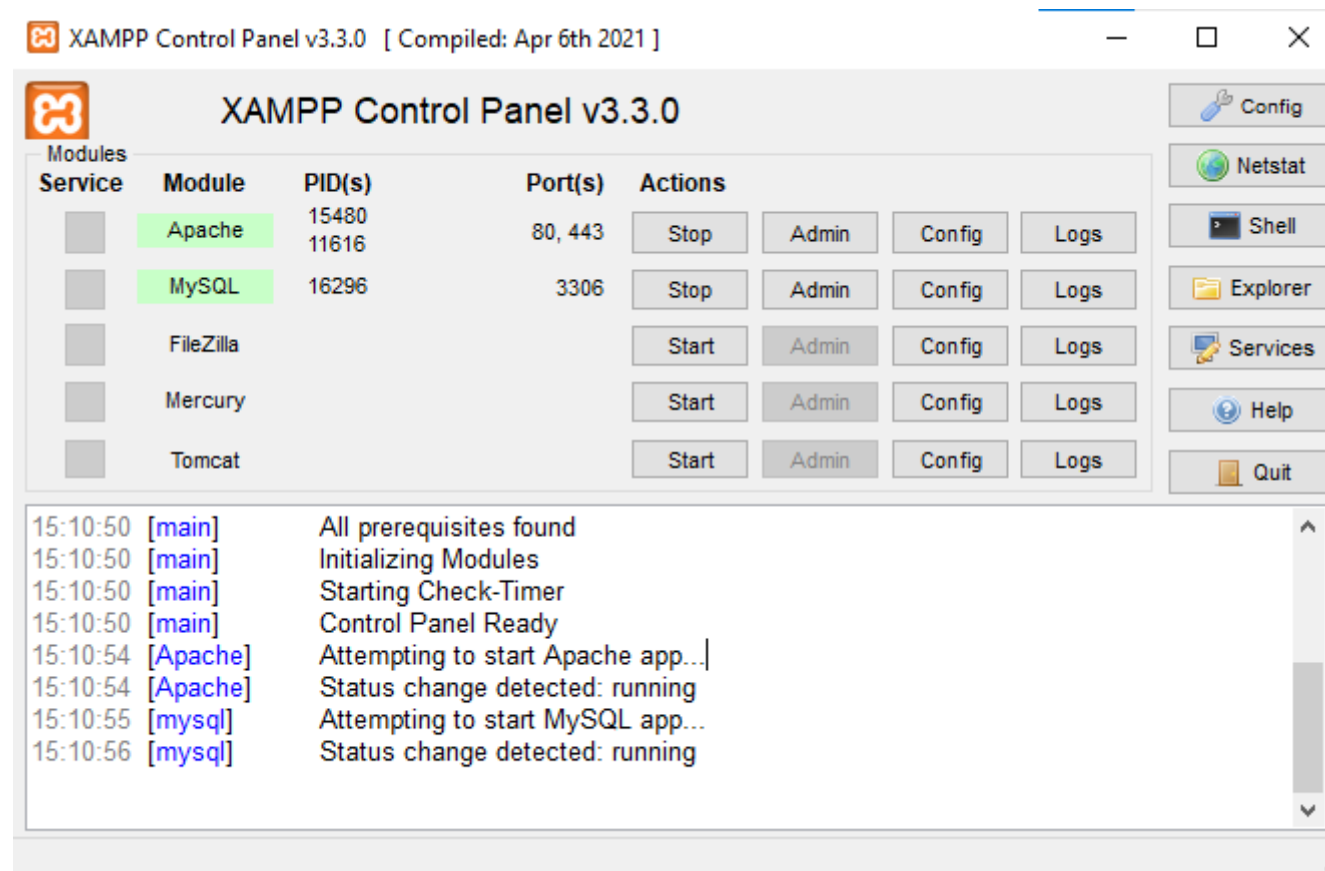
# Image Upload

Image upload adalah proses mengunggah gambar atau file lainnya dari komputer atau perangkat pengguna ke server melalui aplikasi web. Dalam PHP, fitur ini sering digunakan dalam berbagai aplikasi, seperti sistem manajemen konten (CMS), profil pengguna, atau galeri gambar. Untuk mengupload gambar dengan PHP, kita memanfaatkan form HTML dan fungsi PHP yang dapat menangani file input dan menyimpannya ke server.

# Konfigurasi Awal

Untuk menghubungkan PHP dan MySQL silahkan ikuti Langkah dibawah:

- Silahkan aktifkan XAMPP atau Laragon



# Image Upload

Silahkan Terlebih dahulu hapus semua data produk.

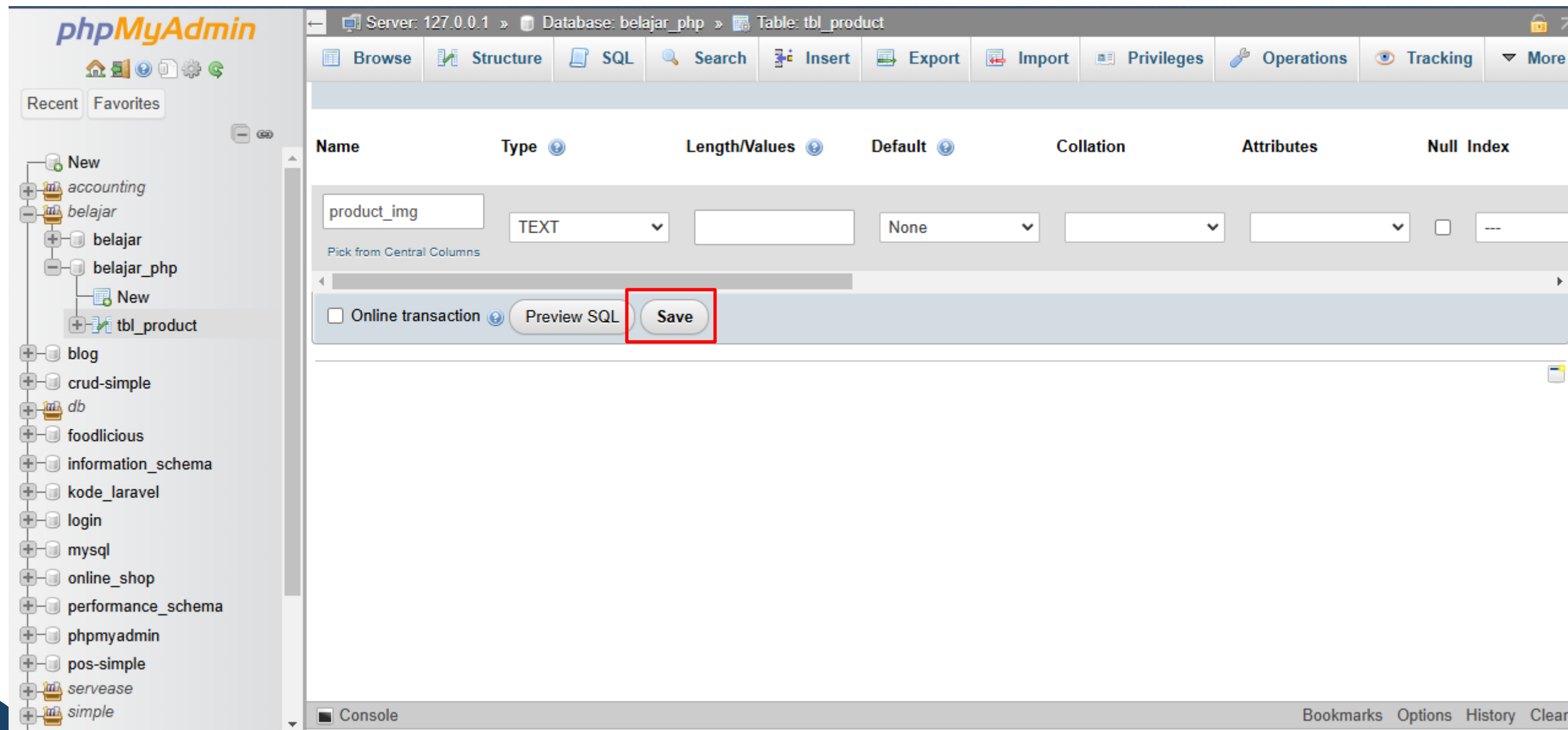
Data Product

Tambah Data

No.	Nama Produk	Harga	Stok	#
-----	-------------	-------	------	---

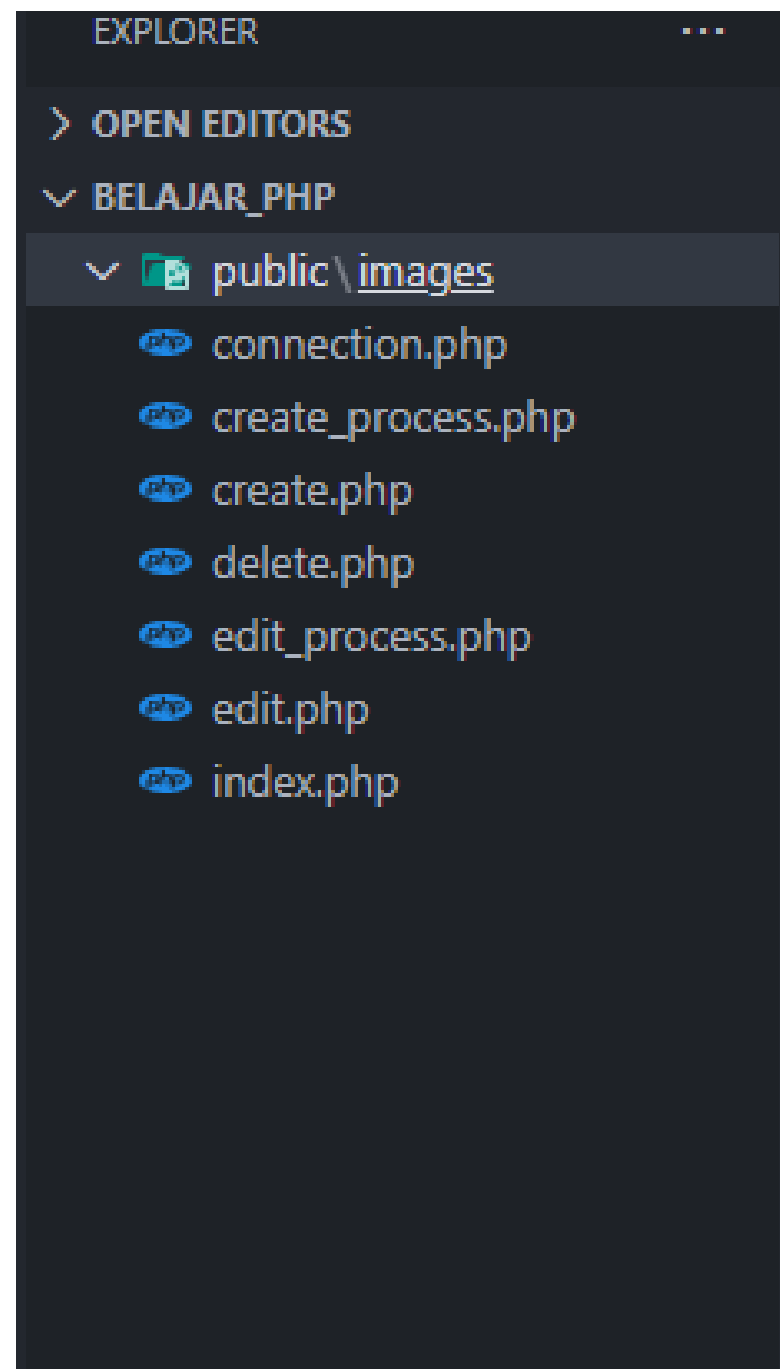
# Image Upload

Sesuaikan dengan gambar dibawah dan tekan tombol save.



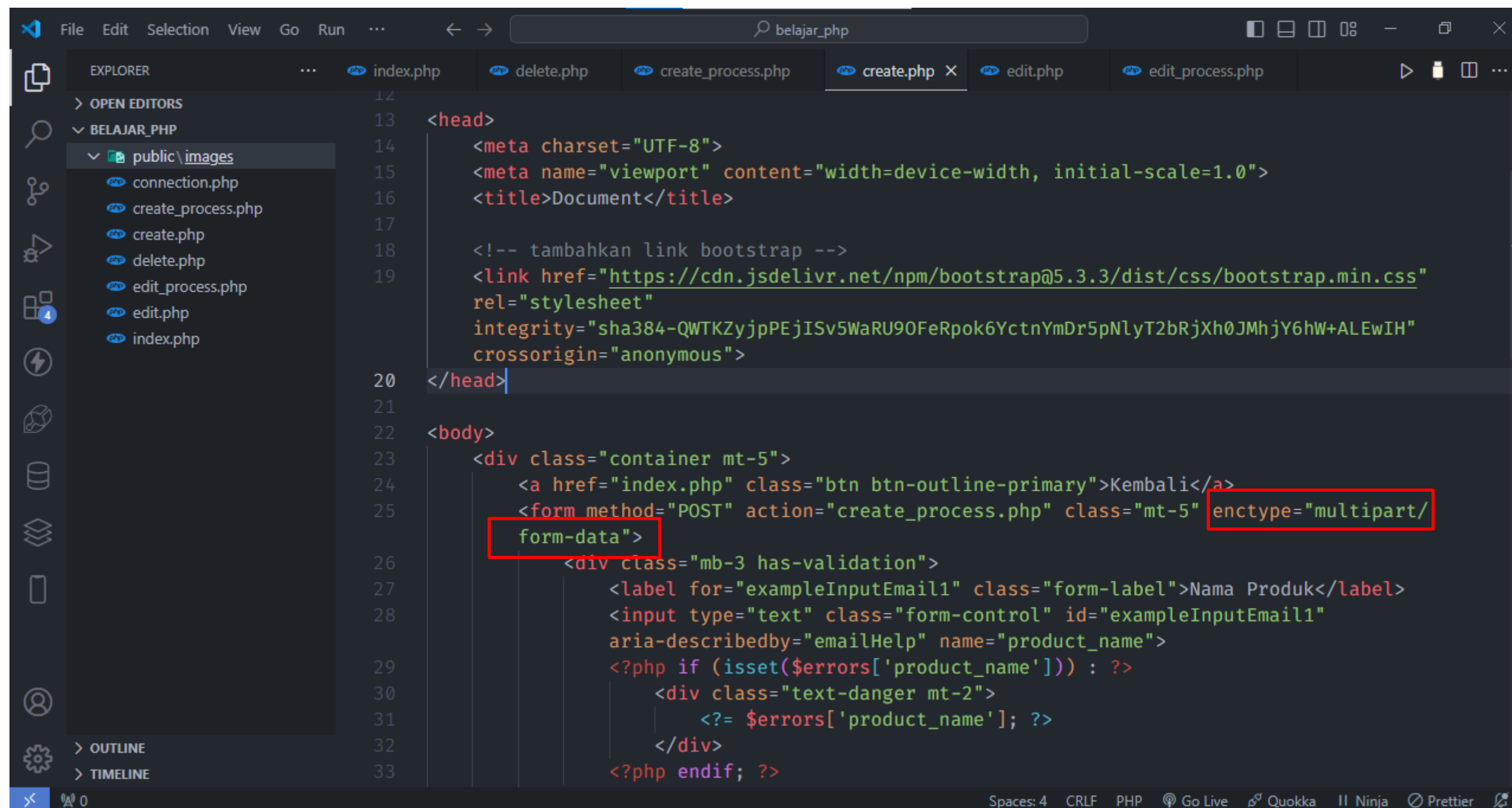
# Image Upload

Buat folder baru beri nama public, didalam folder public buat folder images



# Image Upload

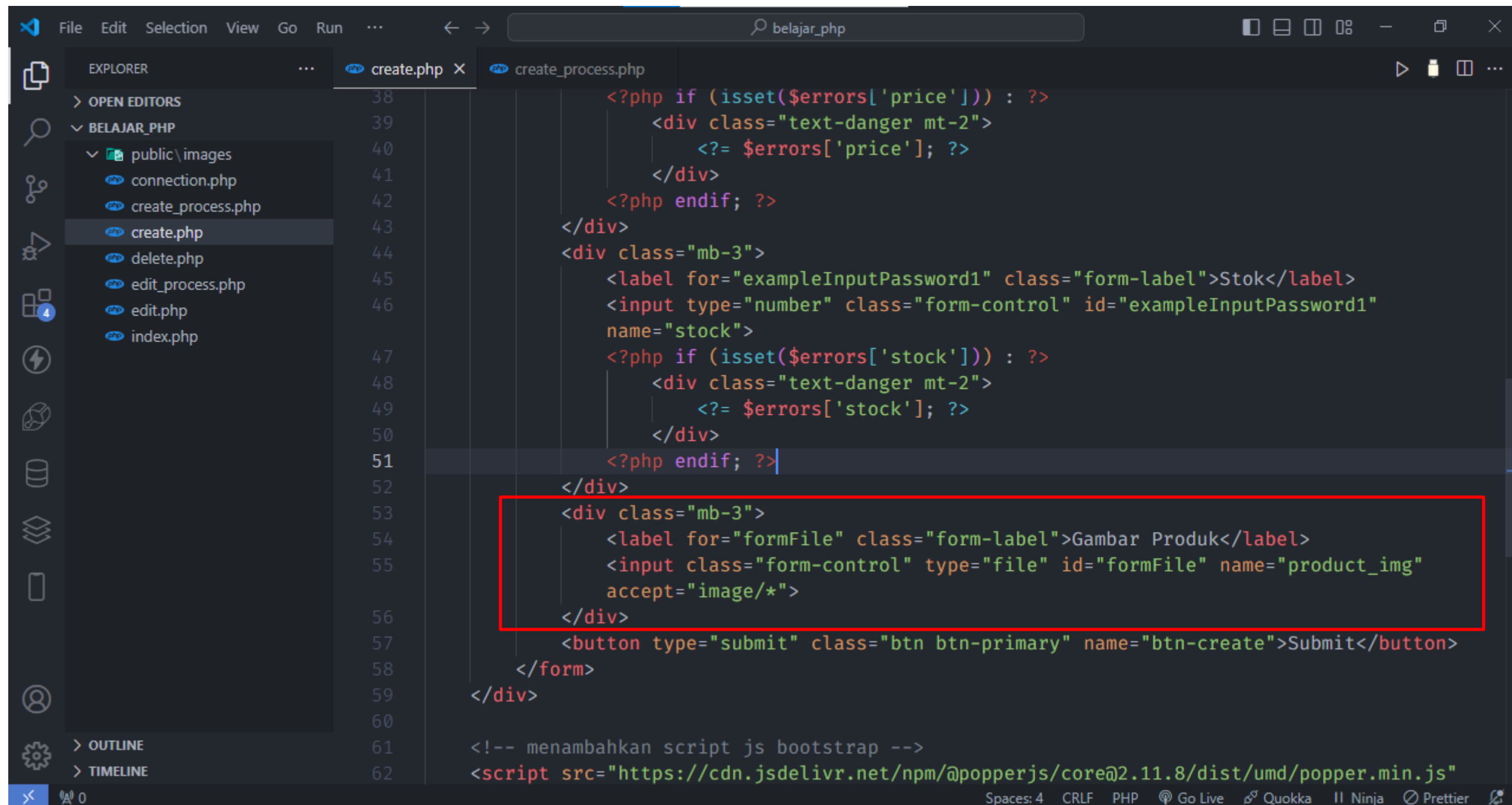
Tambahkan property enctype pada form dan isi nilainya dengan multipart/form-data



```
12
13 <head>
14   <meta charset="UTF-8">
15   <meta name="viewport" content="width=device-width, initial-scale=1.0">
16   <title>Document</title>
17
18   <!-- tambahkan link bootstrap -->
19   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
20     rel="stylesheet"
21     integrity="sha384-QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMhY6hW+ALEwIH"
22     crossorigin="anonymous">
23 </head>
24
25 <body>
26   <div class="container mt-5">
27     <a href="index.php" class="btn btn-outline-primary">Kembali</a>
28     <form method="POST" action="create_process.php" class="mt-5" enctype="multipart/
29       form-data">
30       <div class="mb-3 has-validation">
31         <label for="exampleInputEmail1" class="form-label">Nama Produk</label>
32         <input type="text" class="form-control" id="exampleInputEmail1"
33           aria-describedby="emailHelp" name="product_name">
34         <?php if (isset($errors['product_name'])) : ?>
35           <div class="text-danger mt-2">
36             <?= $errors['product_name']; ?>
37           </div>
38         <?php endif; ?>
39       </div>
40     </div>
41   </body>
```

# Image Upload

Tambahkan input type file setelah stok.



```
File Edit Selection View Go Run ... belajar_php
EXPLORER
  OPEN EDITORS
  BELAJAR_PHP
    public\images
    connection.php
    create_process.php
    create.php
    delete.php
    edit_process.php
    edit.php
    index.php
  OUTLINE
  TIMELINE

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<?php if (isset($errors['price'])) : ?>
    <div class="text-danger mt-2">
        <?= $errors['price']; ?>
    </div>
<?php endif; ?>
</div>
<div class="mb-3">
    <label for="exampleInputPassword1" class="form-label">Stok</label>
    <input type="number" class="form-control" id="exampleInputPassword1"
    name="stock">
    <?php if (isset($errors['stock'])) : ?>
        <div class="text-danger mt-2">
            <?= $errors['stock']; ?>
        </div>
    <?php endif; ?>
</div>
<div class="mb-3">
    <label for="formFile" class="form-label">Gambar Produk</label>
    <input class="form-control" type="file" id="formFile" name="product_img"
    accept="image/*">
</div>
<button type="submit" class="btn btn-primary" name="btn-create">Submit</button>
</form>
</div>
<!-- menambahkan script js bootstrap -->
<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.8/dist/umd/popper.min.js"
```



# Image Upload

Maka hasilnya akan seperti dibawah

[Kembali](#)

Nama Produk

Harga

Stok

Gambar Produk

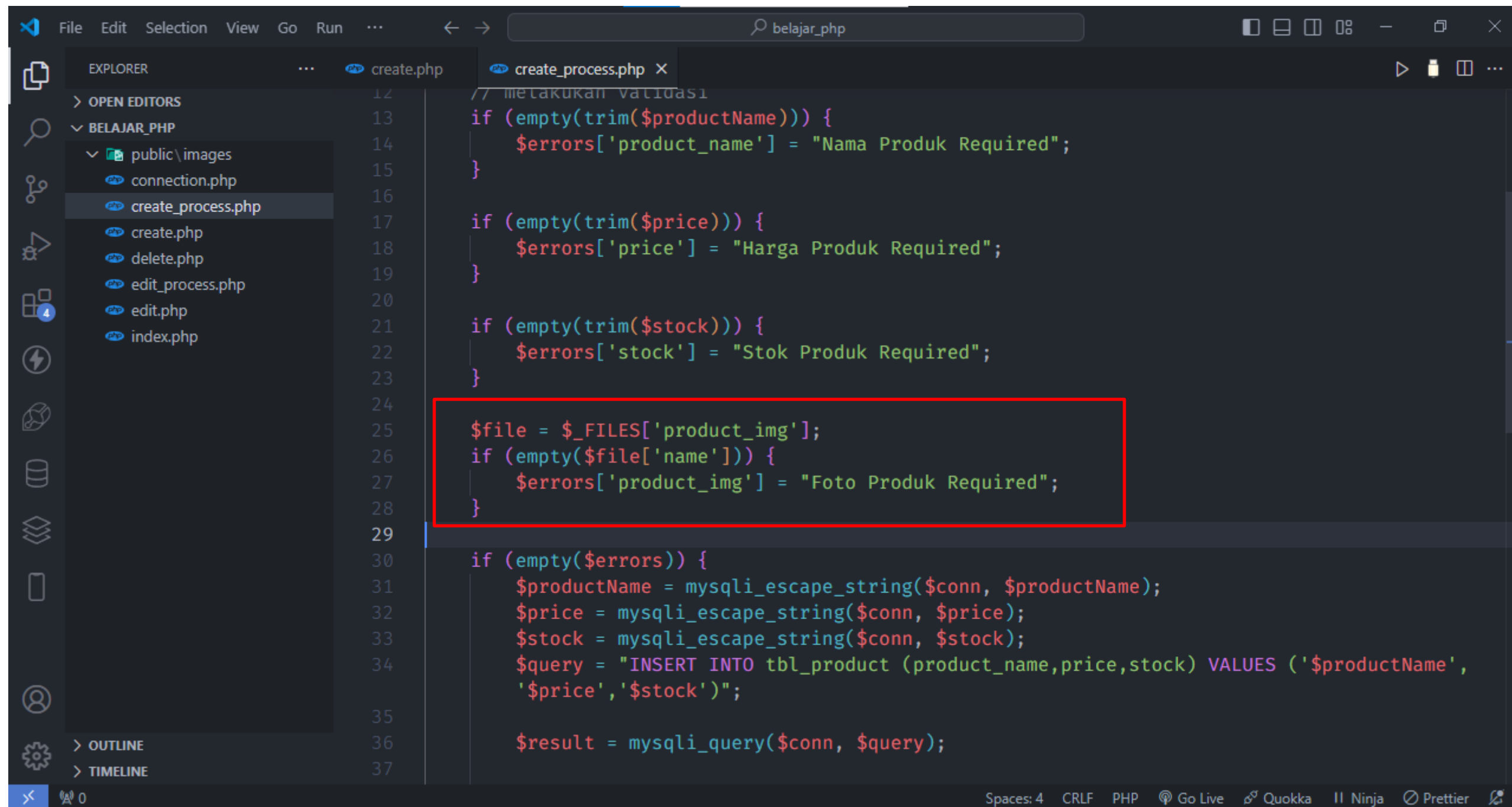
Choose File

No file chosen

Submit

# Validation Image

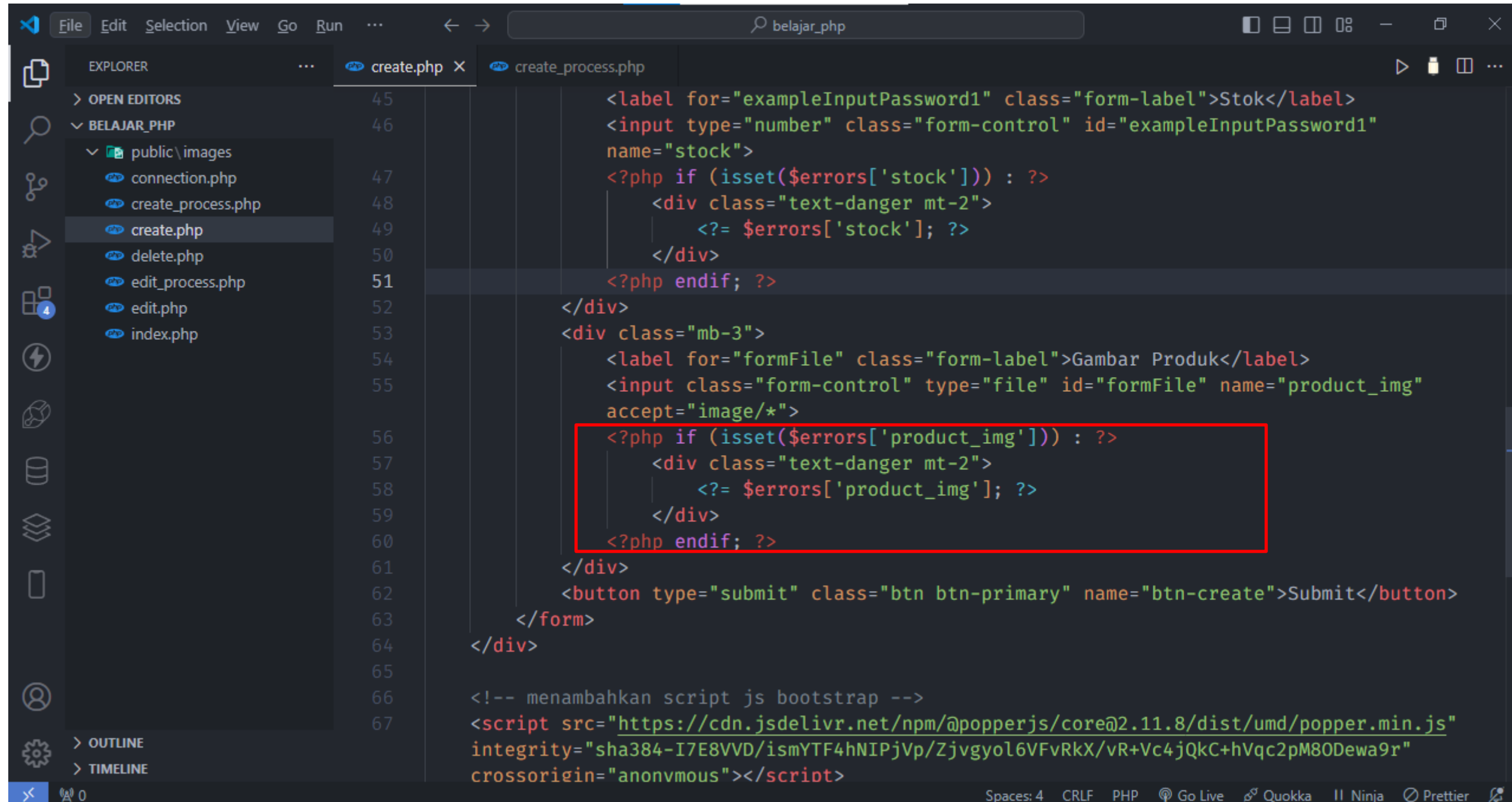
Jangan lupa untuk menambahkan validasi terhadap image product.



```
12 // melakukan validasi
13 if (empty(trim($productName))) {
14     $errors['product_name'] = "Nama Produk Required";
15 }
16
17 if (empty(trim($price))) {
18     $errors['price'] = "Harga Produk Required";
19 }
20
21 if (empty(trim($stock))) {
22     $errors['stock'] = "Stok Produk Required";
23 }
24
25 $file = $_FILES['product_img'];
26 if (empty($file['name'])) {
27     $errors['product_img'] = "Foto Produk Required";
28 }
29
30 if (empty($errors)) {
31     $productName = mysqli_escape_string($conn, $productName);
32     $price = mysqli_escape_string($conn, $price);
33     $stock = mysqli_escape_string($conn, $stock);
34     $query = "INSERT INTO tbl_product (product_name,price,stock) VALUES ('$productName',
35     '$price','$stock')";
36
37     $result = mysqli_query($conn, $query);
```

# Validation Image

Jangan lupa untuk menambahkan validasi terhadap image product.



```
File Edit Selection View Go Run ... belajar_php
EXPLORER
  OPEN EDITORS
  BELAJAR_PHP
    public\images
      connection.php
      create_process.php
      create.php
      delete.php
      edit_process.php
      edit.php
      index.php
  OUTLINE
  TIMELINE

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<label for="exampleInputPassword1" class="form-label">Stok</label>
<input type="number" class="form-control" id="exampleInputPassword1"
name="stock">
<?php if (isset($errors['stock'])) : ?>
  <div class="text-danger mt-2">
    <?= $errors['stock']; ?>
  </div>
<?php endif; ?>
</div>
<div class="mb-3">
  <label for="formFile" class="form-label">Gambar Produk</label>
  <input class="form-control" type="file" id="formFile" name="product_img"
accept="image/*">
  <?php if (isset($errors['product_img'])) : ?>
    <div class="text-danger mt-2">
      <?= $errors['product_img']; ?>
    </div>
  <?php endif; ?>
</div>
<button type="submit" class="btn btn-primary" name="btn-create">Submit</button>
</form>
</div>

<!-- menambahkan script js bootstrap -->
<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.8/dist/umd/popper.min.js"
integrity="sha384-I7E8VVD/ismYTF4hNIPjVp/Zjvgyol6VFvRkX/vR+Vc4jQkC+hVqc2pM80Dewa9r"
crossorigin="anonymous"></script>
```

# Menyimpan Image

Ikuti code dibawah untuk menyimpan gambar

```
create.php  create_process.php X
28
29
30 if (empty($errors)) {
31     $productName = mysqli_escape_string($conn, $productName);
32     $price = mysqli_escape_string($conn, $price);
33     $stock = mysqli_escape_string($conn, $stock);
34
35     $targetDir = "public/images/"; // Direktori tujuan untuk menyimpan gambar
36     $fileName = $file['name']; // mengambil nama gambar dengan ekstension
37     $fileExt = strtolower(pathinfo($fileName, PATHINFO_EXTENSION)); // mengambil
    ekstension gambar (jpg, png, jpeg)
38     $fileNameWithoutExt = pathinfo($fileName, PATHINFO_FILENAME); // mengambil nama
    gambar tanpa ekstension
39
40     $newFileName = $fileNameWithoutExt . "_" . time() . "." . $fileExt; // membuat nama
    gambar dengan kombinasi waktu agar unik
41
42     move_uploaded_file($file['tmp_name'], $targetDir . $newFileName); // menyimpan gambar
    ke directory public/images
43
44
45
46     $query = "INSERT INTO tbl_product (product_name,price,stock,product_img) VALUES
    ('$productName','$price','$stock','$newFileName')";
47
48     $result = mysqli_query($conn, $query);
49
```

# Menampilkan Image

Ikuti code dibawah untuk menampilkan gambar pada file index.php

```
create.php  create_process.php  index.php X
30          <thead class="table-dark">
31          <tr>
32              <th>No.</th>
33              <th>Foto Produk</th>
34              <th>Nama Produk</th>
35              <th>Harga</th>
36              <th>Stok</th>
37              <th>#</th>
38          </tr>
39      </thead>
40      <tbody>
41          <?php $no = 1; ?>
42          <?php while ($row = $result->fetch_assoc()) : ?>
43              <tr>
44                  <td><?= $no++; ?></td>
45                  <td></td>
47                  <td><?= $row['product_name']; ?></td>
48                  <td><?= $row['price']; ?></td>
49                  <td><?= $row['stock']; ?></td>
50                  <td class="d-flex gap-2">
51                      <a href="edit.php?id=<?= $row['id']; ?>" class="btn
52                          btn-warning">Edit</a>
53                      <a href="delete.php?id=<?= $row['id']; ?>" class="btn
54                          btn-danger">Delete</a>
55                  </td>
56              </tr>
57          </tbody>
58      </table>
59  </div>
60  </div>
61  </div>
62  </div>
63  </div>
64  </div>
65  </div>
66  </div>
67  </div>
68  </div>
69  </div>
70  </div>
71  </div>
72  </div>
73  </div>
74  </div>
75  </div>
76  </div>
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86  </div>
87  </div>
88  </div>
89  </div>
90  </div>
91  </div>
92  </div>
93  </div>
94  </div>
95  </div>
96  </div>
97  </div>
98  </div>
99  </div>
100 </div>
```



# Menambahkan Data Baru

Contoh saya menambahkan data baru beserta gambarnya.

---

[Kembali](#)

Nama Produk

Macbook Pro M3

Harga

24000000

Stok

12

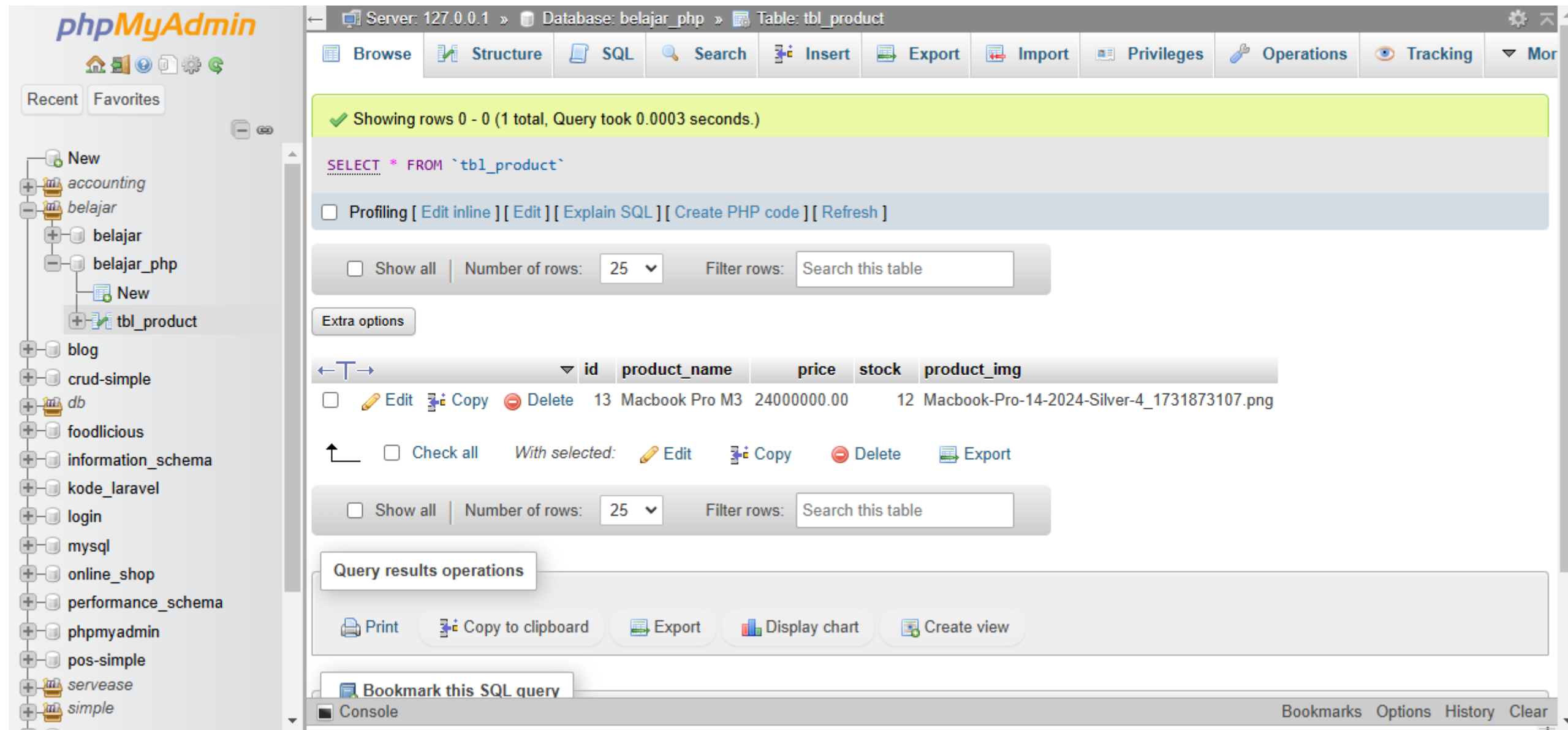
Gambar Produk

Choose File Macbook-Pro-14-2024-Silver-4.png

Submit

# Menambahkan Data Baru

Ketika tombol submit ditekan, maka data baru beserta gambar akan tersimpan di database.



The screenshot shows the phpMyAdmin interface. On the left is a sidebar with a tree view of databases and tables. The main area displays the 'tbl\_product' table from the 'belajar\_php' database. A green message bar at the top indicates 'Showing rows 0 - 0 (1 total, Query took 0.0003 seconds.)'. Below this, the SQL query 'SELECT \* FROM `tbl\_product`' is shown. A table of results is displayed with one row. The table has columns: id, product\_name, price, stock, and product\_img. The row contains the values: 13, Macbook Pro M3, 24000000.00, 12, and Macbook-Pro-14-2024-Silver-4\_1731873107.png. Below the table are buttons for 'Edit', 'Copy', 'Delete', and 'Export'. At the bottom, there are buttons for 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'. The status bar at the bottom shows 'Bookmarks Options History Clear'.


id	product_name	price	stock	product_img
13	Macbook Pro M3	24000000.00	12	Macbook-Pro-14-2024-Silver-4_1731873107.png

# Hasil

Hasil setelah penambahan data.

## Data Product

[Tambah Data](#)

No.	Foto Produk	Nama Produk	Harga	Stok	#
1		Macbook Pro M3	24000000.00	12	<a href="#">Edit</a> <a href="#">Delete</a>



# Menghapus Gambar

Ketika data produk dihapus, ada baiknya gambar yang terdapat didalam directory juga ikut terhapus. Untuk melakukannya terdapat beberapa Langkah.

- Ambil data berdasarkan id yang dikirim dari parameter
- Mengambil data gambar dari database
- Melakukan unlink (menghapus data dari directory)

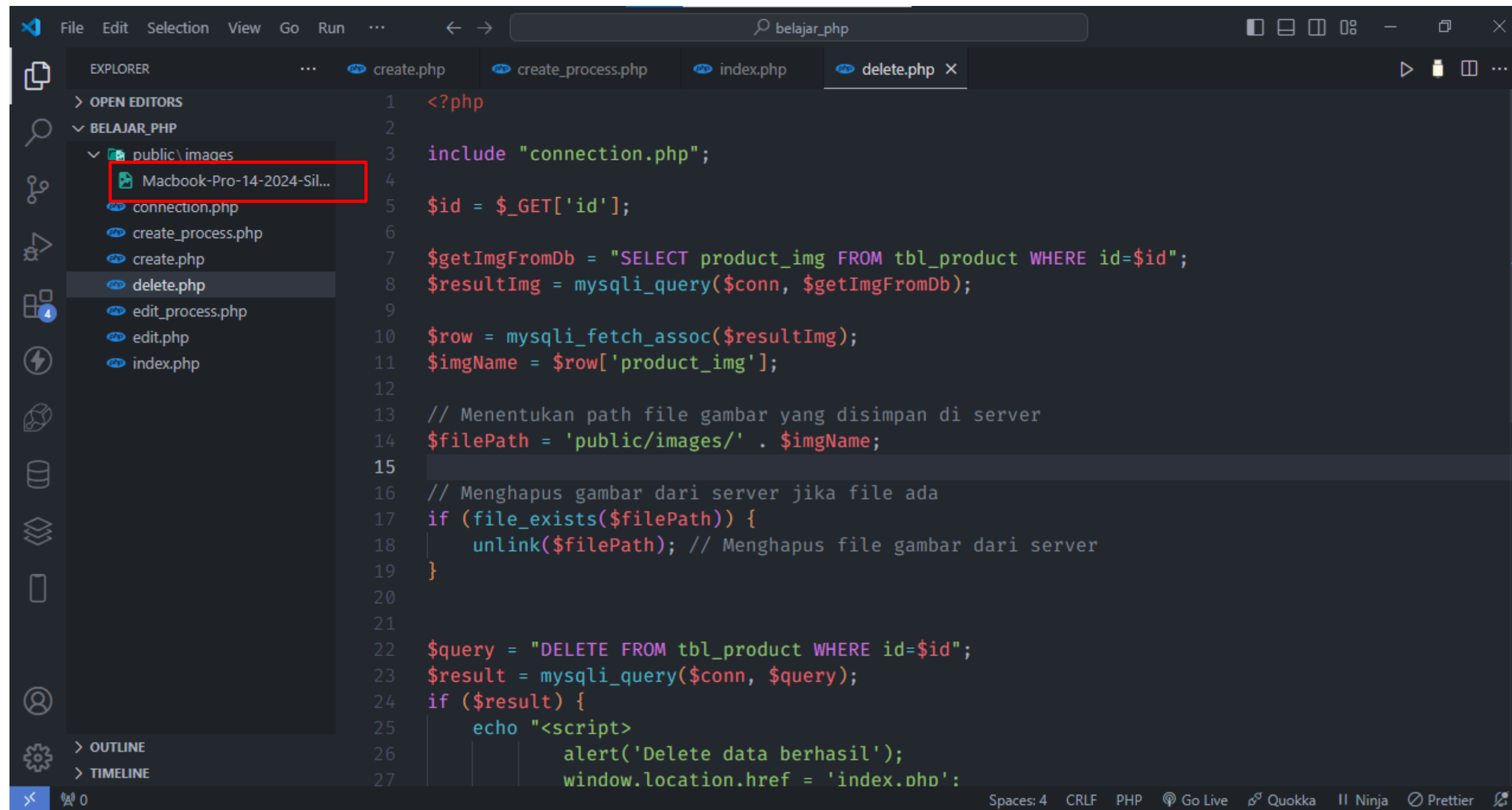
# Menghapus Gambar

Tambahkan code dibawah didalam file delete.php

```
create.php create_process.php index.php delete.php X
1 <?php
2
3 include "connection.php";
4
5 $id = $_GET['id'];
6
7 $getImgFromDb = "SELECT product_img FROM tbl_product WHERE id=$id";
8 $resultImg = mysqli_query($conn, $getImgFromDb);
9
10 $row = mysqli_fetch_assoc($resultImg);
11 $imgName = $row['product_img'];
12
13 // Menentukan path file gambar yang disimpan di server
14 $filePath = 'public/images/' . $imgName;
15
16 // Menghapus gambar dari server jika file ada
17 if (file_exists($filePath)) {
18     unlink($filePath); // Menghapus file gambar dari server
19 }
20
21
22 $query = "DELETE FROM tbl_product WHERE id=$id";
23 $result = mysqli_query($conn, $query);
24 if ($result) {
25     echo "<script>
26         alert('Delete data berhasil');
27         window.location.href = 'index.php';
28     </script>";
29 }
```

# Menghapus Gambar

Sebelum data dihapus



```
File Edit Selection View Go Run ... < > belajar_php
EXPLORER
  > OPEN EDITORS
  > BELAJAR_PHP
    > public\images
      Macbook-Pro-14-2024-Sil...
    connection.php
    create_process.php
    create.php
    delete.php
    edit_process.php
    edit.php
    index.php
  > OUTLINE
  > TIMELINE


1 <?php
2
3 include "connection.php";
4
5 $id = $_GET['id'];
6
7 $getImgFromDb = "SELECT product_img FROM tbl_product WHERE id=$id";
8 $resultImg = mysqli_query($conn, $getImgFromDb);
9
10 $row = mysqli_fetch_assoc($resultImg);
11 $imgName = $row['product_img'];
12
13 // Menentukan path file gambar yang disimpan di server
14 $filePath = 'public/images/' . $imgName;
15
16 // Menghapus gambar dari server jika file ada
17 if (file_exists($filePath)) {
18     unlink($filePath); // Menghapus file gambar dari server
19 }
20
21
22 $query = "DELETE FROM tbl_product WHERE id=$id";
23 $result = mysqli_query($conn, $query);
24 if ($result) {
25     echo "<script>
26         alert('Delete data berhasil');
27         window.location.href = 'index.php';
```

# Menghapus Gambar

Sebelum data dihapus

## Data Product

Tambah Data

No.	Foto Produk	Nama Produk	Harga	Stok	#
1		Macbook Pro M3	24000000.00	12	<a href="#">Edit</a> <a href="#">Delete</a>

# Menghapus Gambar

Setelah data dihapus

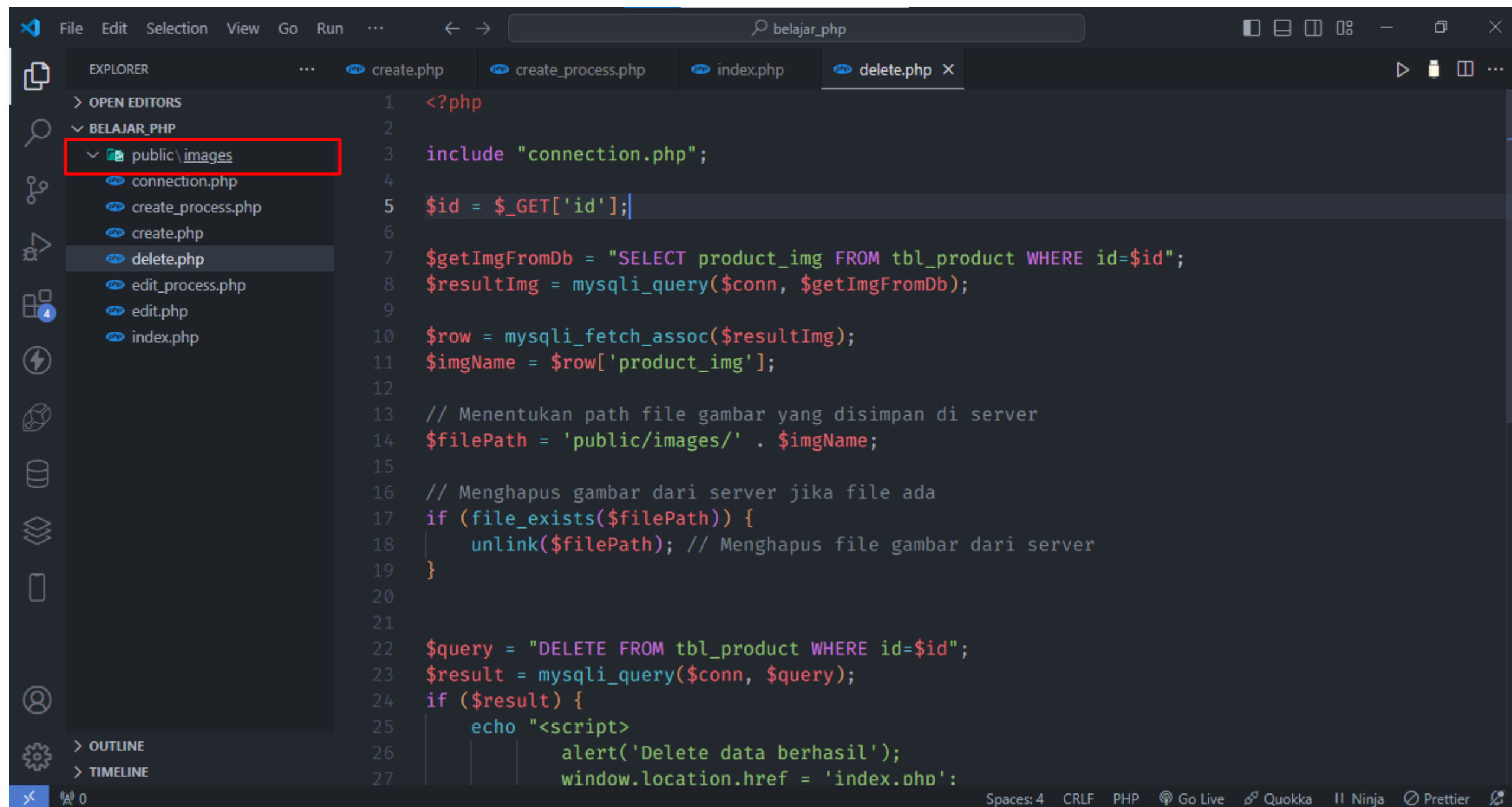
Data Product

Tambah Data

No.	Foto Produk	Nama Produk	Harga	Stok	#
-----	-------------	-------------	-------	------	---

# Menghapus Gambar

Setelah data dihapus



```
1 <?php
2
3 include "connection.php";
4
5 $id = $_GET['id'];
6
7 $getImgFromDb = "SELECT product_img FROM tbl_product WHERE id=$id";
8 $resultImg = mysqli_query($conn, $getImgFromDb);
9
10 $row = mysqli_fetch_assoc($resultImg);
11 $imgName = $row['product_img'];
12
13 // Menentukan path file gambar yang disimpan di server
14 $filePath = 'public/images/' . $imgName;
15
16 // Menghapus gambar dari server jika file ada
17 if (file_exists($filePath)) {
18     unlink($filePath); // Menghapus file gambar dari server
19 }
20
21
22 $query = "DELETE FROM tbl_product WHERE id=$id";
23 $result = mysqli_query($conn, $query);
24 if ($result) {
25     echo "<script>
26         alert('Delete data berhasil');
27         window.location.href = 'index.php';
```

# Update Data

Silahkan tambahkan hal serupa pada file edit dan edit\_process. Hapus foto produk lama dan tambahkan foto produk yang baru.

Terima Kasih  
ありがとう