

KK4
LEMBAR KERJA PESERTA DIDIK
TEKNIK PEMROGRAMAN SERVER DENGAN PHP

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Kelas/Absen : XI RPL 3 / 11

Tujuan:

1. Menggunakan MySQL untuk mengelola database
2. Mampu membuat database pada MySQL
3. Mampu membuat tabel pada MySQL melalui aplikasi web
4. Mampu memasukkan data ke dalam tabel di database MySQL
5. Mampu menampilkan data dari table
6. Mampu melakukan proses pencarian data pada table
7. Mampu melakukan proses hapus data dari table
8. Mampu melakukan proses update data pada table

Ketentuan I:

- Kerjakan secara individu
- **Screenshot Kodingannya** (bukan text, dan harus Jelas/bisa dibaca!)
- **Screenshot Output** dari Browsernya (**fullscreen**)
- Simpan di github masing-masing dan lampirkan screenshot tampilan repositorynya

Ketentuan II :

- Simpan semua file php dalam satu **folder** berjudul :
**PHP02_Kelas_No.Absen_NamaPanggilan --> PHP02_XI RPL
8_35_Princess**
- Upload folder tersebut ke drive
- Salin link sharing folder tersebut di submit tugas “Tugas 07 : PHP 2” di LMS

Notes :

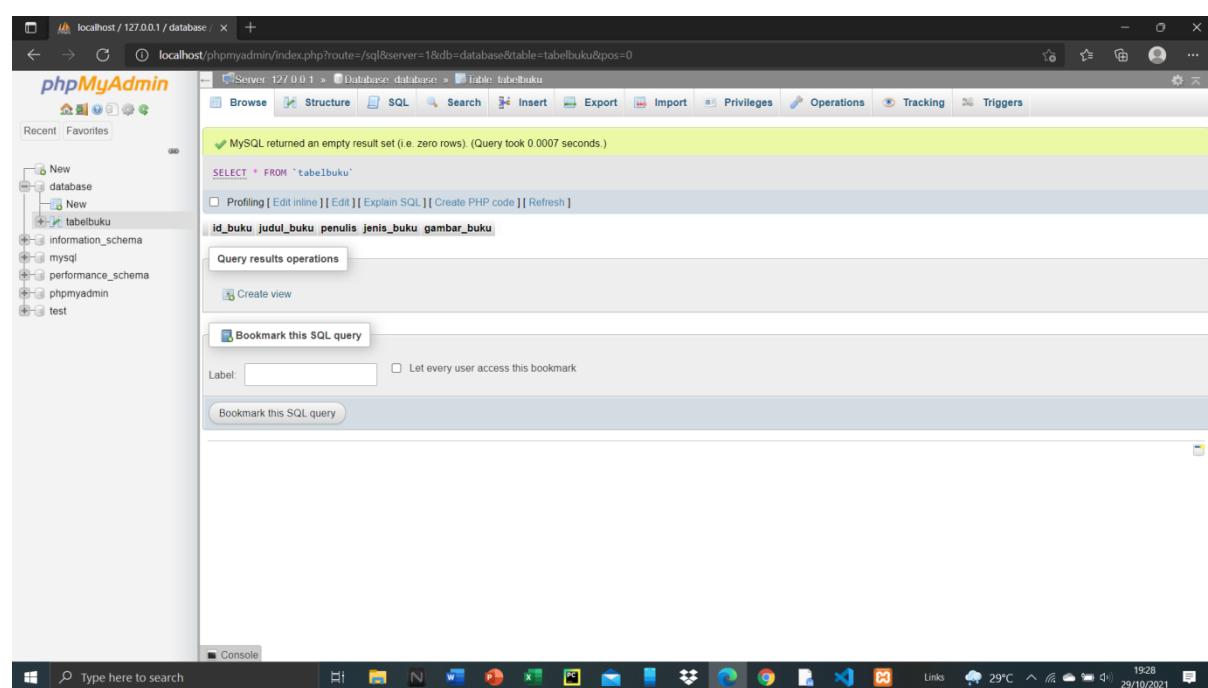
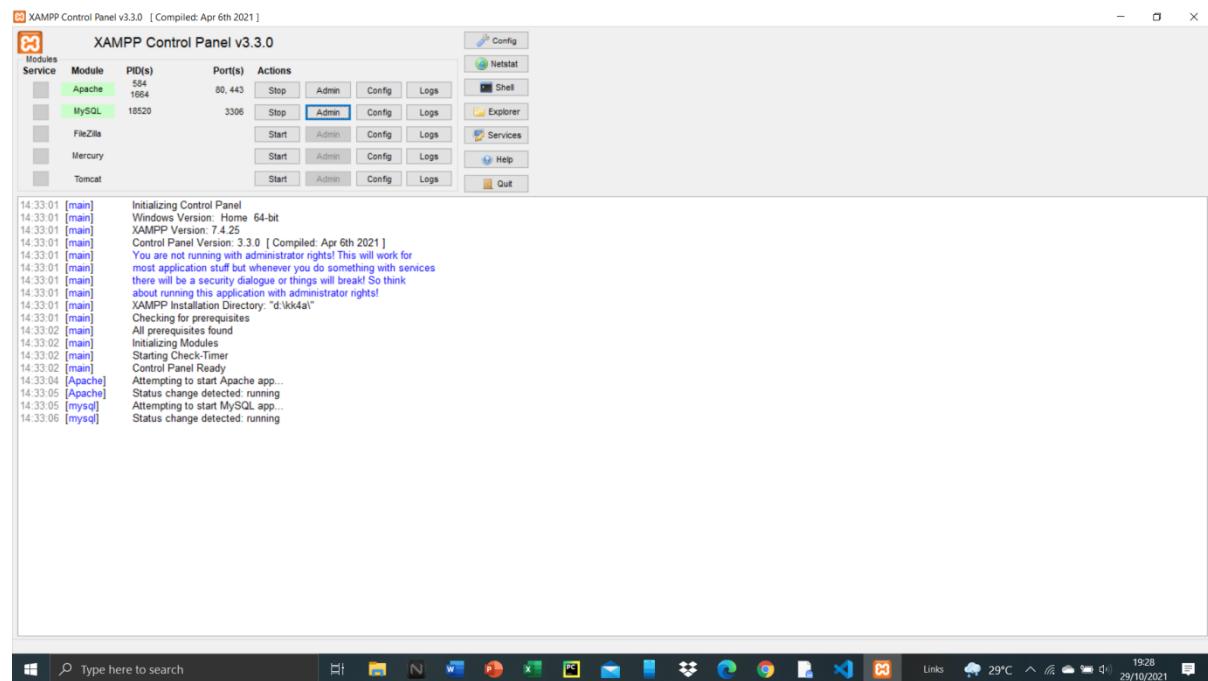
Referensi Penggerjaan : [Modul 5-PHP MySQL, CRUD Sederhana & Modul PHP - CRUD \(pdf\)](#)

Soal:

1. Buatlah tabel buku yang berisi 5 field : id_buku, judul_buku, penulis, jenis_buku, gambar_buku
2. **Buatlah tabel jenis buku yang berisi 2 field : id_jenis, jenis_buku**
3. **Kedua table diatas saling berelasi**
4. Buatlah tampilan web yang berisi :
 - a. Proses untuk tambah data buku
 - b. Halaman yang menampilkan semua data buku (judul buku, penulis, jenis buku, dan gambar buku)
 - c. Proses untuk search data buku dengan masukan berupa judul buku.
Data yang ditampilkan adalah judul buku, penulis, jenis buku, dan gambar buku
 - d. Proses untuk hapus data buku
 - e. Proses untuk update data buku
5. Buatlah tampilan semenarik mungkin, menggunakan bootstrap dipersilahkan

Jawab:

• XAMPP & PHP



• *SCRIPT*

```
<?php
File Edit Selection View Go Run Terminal Help
formulir.php - crud - Visual Studio Code
EXPLORER ... formulir.php simpan.php \ simpan.php C:\...\PHP 02 koneksi.php tampil.php ubah.php ubah_data.php cari.php hapus.php
OPEN EDITORS > CRUD > OUTLINE
<?php
<html>
    <head>
        <title></title>
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-EVSTQN3zazQJlF4dFKWBQtpuJZ295VscHs4j9=dEBqL09Cz9wF&lt;!--> 3aRgGIa&lt;!--> 1ar
    </head>
    <body>
        <div class="container">
            <div class="row">
                <nav class="navbar navbar-light bg-white">
                    <div class="container-fluid">
                        <h1>Input Buku</h1>
                        <a href="tampil.php">
                            <button type="button" class="btn btn-primary btn-sm" data-bs-toggle="modal">
                                Tampil Data Buku
                            </button>
                        </a>
                    </div>
                </nav>
            <div class="row mt-5">
                <form action="simpan.php" method="POST" enctype="multipart/form-data">
                    <div class="mb-3">
                        <label class="form-label">judul Buku</label>
                        <input type="text" name="judul_buku" class="form-control">
                    </div>
                    <div class="mb-3">
                        <label class="form-label">Penulis</label>
                        <input type="text" name="penulis" class="form-control">
                    </div>
                    <div class="mb-3">
                        <label class="form-label">Jenis Buku</label>
                        <input type="text" name="jenis_puk" class="form-control">
                    </div>
                    <div class="mb-3">
                        <label class="form-label">Gambar Buku</label>
                        <input type="file" name="gambar_buku" value="" class="form-control">
                    </div>
                </form>
            </div>
        </div>
    </body>
</html>
```



The screenshot shows a Visual Studio Code interface with the following details:

- File Explorer:** Shows files like `formulir.php`, `simpang.php`, `koneksi.php`, `tampil.php`, `ubah.php`, `ubah_data.php`, `cari.php`, and `hapus.php`.
- Code Editor:** Displays the `formulir.php` file content. The code is a PHP script with HTML forms for book management. It includes fields for title (`judul_buku`), author (`penulis`), genre (`jenis_buku`), and image (`gambar_buku`). It features a modal button (`Tampil Data Buku`) and a submit button (`Simpan`).
- Bottom Status Bar:** Shows "Ln 47, Col 8" and other standard status bar information.

The screenshot shows the Visual Studio Code interface with the 'simpan.php' file open in the editor. The code is a PHP script for inserting data into a database table. It includes meta tags for viewport and bootstrap CSS, and a script tag for popper.js. The main logic involves checking if a 'simpan' POST variable is set, then extracting values from the POST array and a file upload. It constructs an SQL insert statement and executes it via a mysqli connection. If successful, it redirects to 'tampil.php' with a success message; if not, it displays an error message.

```
1 <html>
2     <head>
3         <title></title>
4         <meta name="viewport" content="width=device-width, initial-scale=1">
5         <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-IQsoLX15P1LhosVlubq5LC7qb9DxgDA9i+penilis=$POST['penulis'];
6         $jenis_buku = $POST['jenis_buku'];
7         $image = $FILES['gambar_buku']['name'];
8         $target = "images/" . basename($image);
9
10        $sql = "INSERT INTO tabelbuku (judul_buku, penulis, jenis_buku, gambar_buku) VALUES('$judul_buku', '$penulis', '$jenis_buku', '$image')";
11        if($conn->query($sql) === TRUE){
12            echo "<div class='alert alert-primary alert-success' role='alert'> <a href='tampil.php'>Kembali</a> <br> Tambah Data Sukses</div>";
13        } else{
14            echo "Error: " . $sql . "<br>" . $conn->error;
15        }
16    }
17
18    $conn->close();
19
20 ?>
```

The screenshot shows the Visual Studio Code interface with the 'koneksi.php' file open in the editor. The code is a simple PHP script that establishes a MySQL database connection using mysqli. It defines host, user, password, and database variables, then creates a new mysqli object and checks if the connection was successful. If successful, it outputs a success message; if not, it outputs an error message.

```
1 <?php
2     $host = "localhost";
3     $user = "root";
4     $pass = "";
5     $db = "database";
6
7     $conn = new mysqli($host, $user, $pass, $db);
8
9     // if($conn){
10     //     echo "koneksi berhasil";
11     // }else{
12     //     echo "koneksi gagal";
13     // }
14 ?>
```

The screenshot shows the Visual Studio Code interface with the 'tampil.php' file open. The code is an HTML page with PHP logic. It includes Bootstrap CSS imports and a search form. The 'OPEN EDITORS' sidebar shows other files like 'cari.php', 'simpan.php', etc.

```
<html>
    <head>
        <title></title>
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-IQsoLXl5P1FhZJyXFwjtC&gt;">
        <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js" integrity="sha384-IQsoLXl5P1FhZJyXFwjtC&gt;">
        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js" integrity="sha384-cVKIPGWWuXfW9oIzjBpC&gt;">
    </head>
    <body>
        <div class="container">
            <div class="row">
                <nav class="navbar navbar-expand-lg navbar-light bg-white">
                    <div class="container-fluid">
                        <h1>Data Buku</h1>
                        <a href="formulir.php">
                            <button type="button" class="btn btn-primary btn-sm" data-bs-toggle="modal">
                                Tambah Data Buku
                            </button>
                        </a>
                        <form class="d-flex" role="search" method="post" action="cari.php">
                            <input type="text" name="cari" class="form-control" placeholder="Cari Data Buku">
                            <button class="btn btn-outline-success" type="submit" value="cari">Search</button>
                        </form>
                    </div>
                </nav>
            </div>
        </div>
    </body>
</html>
```

The screenshot shows the Visual Studio Code interface with the 'tampil.php' file open. The code now includes a MySQL query to fetch data from a 'buku' table and a loop to display it in a card list. The 'OPEN EDITORS' sidebar shows other files like 'cari.php', 'simpan.php', etc.

```
$sql = "SELECT * FROM tabelbuku";
$result = $conn->query($sql);
$a = 1;

while($baris = mysqli_fetch_array($result)){
    echo
    "<br>
    <div class='container'>
        <div class='card' style='width: 100%;>
            <ul class='list-group list-group-flush'>
                <li class='list-group-item'><h6>Judul Buku :</h6> $baris[1]</li>
                <li class='list-group-item'><h6>Penulis :</h6> $baris[2]</li>
                <li class='list-group-item'><h6>Jenis Buku :</h6> $baris[3]</li>
                <li class='list-group-item'><h6>Gambar Buku :</h6><img src='".$baris[4]."'></li>
            </ul>
        </div>
    </div>
";
    $a++;
}

$conn->close();
```

File Edit Selection View Go Run Terminal Help

OPEN EDITORS

CRUD

ubah.php

```
<html>
    <head>
        <title></title>
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-IQS0LX15P1LFhosVNubq5IC7qb9DXgDA9i+VCIPGMic2A14u+LwgfKTRicfu0JTxR+EQDz" crossorigin="anonymous">
        <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js" integrity="sha384-IQS0LX15P1LFhosVNubq5IC7qb9DXgDA9i+VCIPGMic2A14u+LwgfKTRicfu0JTxR+EQDz" crossorigin="anonymous">
        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js" integrity="sha384-cvKIPhGMic2A14u+LwgfKTRicfu0JTxR+EQDz" crossorigin="anonymous">
    </head>
    <body>
        <?php
            include './koneksi.php';
            $id_buku = $_POST['id_buku'];
            $judul_buku = $_POST['judul_buku'];
            $penulis = $_POST['penulis'];
            $jenis_buku = $_POST['jenis_buku'];
            $gambar_buku = $_POST['gambar_buku'];
            $sql = "UPDATE tabelbuku SET judul_buku='$judul_buku' , penulis='$penulis' , jenis_buku='$jenis_buku' , gambar_buku='$gambar_buku' WHERE id_buku=$id_buku";
            if($conn->query($sql) === TRUE){
                echo "<div class='alert alert-primary alert-success' role='alert'> <a href='tampil.php'>Kembali</a> <br> Ubah Data Sukses</div>";
            }else{
                echo "Error: " . $sql . " " . $conn->error;
            }
            $conn->close();
        ?>
```

EXPLORER

OUTLINE

Type here to search

Ln 23, Col 25 Spaces: 4 UTF-8 CRLF PHP

File Edit Selection View Go Run Terminal Help

OPEN EDITORS

CRUD

ubah_data.php

```
<html>
    <head>
        <title></title>
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-IQS0LX15P1LFhosVNubq5IC7qb9DXgDA9i+VCIPGMic2A14u+LwgfKTRicfu0JTxR+EQDz" crossorigin="anonymous">
        <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js" integrity="sha384-IQS0LX15P1LFhosVNubq5IC7qb9DXgDA9i+VCIPGMic2A14u+LwgfKTRicfu0JTxR+EQDz" crossorigin="anonymous">
        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js" integrity="sha384-cvKIPhGMic2A14u+LwgfKTRicfu0JTxR+EQDz" crossorigin="anonymous">
    </head>
    <body>
        <?php
            include './koneksi.php';
            $id_buku = $_GET['id_buku'];
            $sql = "SELECT * FROM tabelbuku WHERE id_buku = '$id_buku'";
            $result = $conn->query($sql);
            $result= $result->fetch_assoc();
        ?>
        <div class="container">
            <div class="row mt-5">
                <form action="ubah.php" method="POST">
                    <input type="hidden" name="id_buku" value=<?php echo $result['id_buku']?>>
                    <div class="mb-3">
                        <label class="form-label">Judul Buku:</label>
                        <input type="text" name="judul_buku" class="form-control" value=<?php echo $result['judul_buku']?>></label>
                    </div>
                    <div class="mb-3">
                        <label class="form-label">Penulis:</label>
                        <input type="text" name="penulis" class="form-control" value=<?php echo $result['penulis']?>></label>
                    </div>
                </div>
            </div>
        </div>
```

EXPLORER

OUTLINE

Type here to search

Ln 18, Col 33 Spaces: 4 UTF-8 CRLF PHP

File Edit Selection View Go Run Terminal Help

ubah_data.php - crud - Visual Studio Code

OPEN EDITORS

CRUD

ubah_data.php

```
14 include './koneksi.php';
15
16 $id_buku = $_GET['id_buku'];
17
18 $sql = ("SELECT * FROM tabelbuku WHERE id_buku = '$id_buku'");
19 $result = $conn->query($sql);
20
21 $result= $result->fetch_assoc();
22
23 >>>
24
25 <div class="container">
26 <div class="row mt-5">
27
28 <form action="ubah.php" method="POST">
29 <input type="hidden" name="id_buku" value=<?php echo $result['id_buku']?>>
30 <div class="mb-3">
31 <label class="form-label">Judul Buku</label>
32 <input type="text" name="judul_buku" class="form-control" value=<?php echo $result['judul_buku']?>></label>
33 </div>
34 <div class="mb-3">
35 <label class="form-label">Penulis</label>
36 <input type="text" name="penulis" class="form-control" value=<?php echo $result['penulis']?>></label>
37 </div>
38 <div class="mb-3">
39 <label class="form-label">Jenis Buku</label>
40 <input type="text" name="jenis_buku" class="form-control" value=<?php echo $result['jenis_buku']?>></label>
41 </div>
42 <div class="mb-3">
43 <label class="form-label">Gambar Buku</label>
44 <input type="text" name="gambar_buku" class="form-control" value=<?php echo $result['gambar_buku']?>></label>
45 </div>
46 <button name="simpan" value="stok" class="btn btn-warning">Simpan</button>
47 </form>
48 </div>
49 </div>
```

Ln 18, Col 33 Spaces: 4 UTF-8 CRLF PHP 9:17 30/10/2021

File Edit Selection View Go Run Terminal Help

cari.php - crud - Visual Studio Code

OPEN EDITORS

CRUD

cari.php

```
1 <head>
2   <title></title>
3   <meta name="viewport" content="width=device-width, initial-scale=1">
4   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-EVSTQN3z��mQIAnm3QDgpJl&gt;">
5
6 <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js" integrity="sha384-IQsoLX5PILhosVnubq5LC7Qb9DXgDA9i+tQ8Z&gt;">
7 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js" integrity="sha384-cVKPHGWiCA14u+LwgxfKTRIfu0JTx+EQ0z+bg!&gt;">
8
9
10 <ml>
11
12
13 p
14 i=$_POST['cari'];
15 k = mysqli_connect("localhost", "root","","database");
16 ult = mysqli_query($link, "select * from tabelbuku where judul_buku = '$cari'");
17 lab = mysqli_num_rows($result);
18 cho
19
20 <div class='container'>
21 <div class='row'>
22   <nav class='navbar navbar-expand-lg navbar-light bg-white'>
23     <div class='container-fluid'>
24       <h1>Cari Data Buku</h1>
25       <a href='tampil.php'>
26         <button type='button' class='btn btn-primary btn-sm' data-bs-toggle='modal'>
27           Lihat Data
28         </button>
29       </a>
30       <form class='d-flex' role='search' method='post' action='cari.php'>
31         <input type='text' name='cari' class='form-control' placeholder='Cari Data Buku'>
32         &nbsp;
33         <button class='btn btn-outline-success' type='submit' value='cari'>Search</button>
34       </form>
35     </div>
36   </nav>
37 </div>
```

Ln 16, Col 51 Spaces: 4 UTF-8 CRLF PHP 9:17 30/10/2021

File Edit Selection View Go Run Terminal Help cari.php - crud - Visual Studio Code

OPEN EDITORS cari.php

CRUD

- images
- cari.php
- formulir.php
- hapus.php
- koneksi.php
- simpan.php
- tampil.php
- ubah_data.php
- ubah.php

```
31 <form class='d-flex' role='search' method='post' action='cari.php'>
32     <input type='text' name='cari' class='form-control' placeholder='Cari Data Buku'>
33     &nbsp;
34     <button class='btn btn-outline-success' type='submit' value='cari'>Search</button>
35 </div>
36 </nav>
37 </div>
38 </div>;
39 </div>;
40 echo " <div class='container'>
41     Jumlah Data: $jumlah
42 </div>";
43
44 while($baris = mysqli_fetch_array($result))
45 {
46
47     echo
48         "<br>
49         <div class='container'>
50
51
52
53
54             <div class='card' style='width: 100%;>
55                 <ul class='list-group list-group-flush'>
56                     <li class='list-group-item'><h6>Judul Buku :</h6> $baris[1]</li>
57                     <li class='list-group-item'><h6>Penulis :</h6> $baris[2]</li>
58                     <li class='list-group-item'><h6>Jenis Buku :</h6> $baris[3]</li>
59                     <li class='list-group-item'><h6>Gambar Buku </h6><img src='images/".$baris[4]."'></li>
60                     <li class='list-group-item'><h6><a href='ubah_data.php?id_buku=$baris[0]' class='btn btn-warning btn-sm'>Ubah</a>&nbsp;&nbs
61                 </ul>
62             </div>
63         </div>";
64
65
66 >>
```

Ln 46, Col 2 Spaces: 4 UTF-8 CRLF PHP

OUTLINE

Type here to search

Windows Taskbar: File Explorer, File Manager, Notepad, Word, Excel, Powerpoint, Mail, File History, Task View, Taskbar Icons, Links, Weather, Date/Time, System Tray.

File Edit Selection View Go Run Terminal Help hapus.php - crud - Visual Studio Code

OPEN EDITORS hapus.php

CRUD

- images
- cari.php
- formulir.php
- hapus.php
- koneksi.php
- simpan.php
- tampil.php
- ubah_data.php
- ubah.php

```
1 <html>
2     <head>
3         <title></title>
4         <meta name="viewport" content="width=device-width, initial-scale=1">
5         <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-EVSTQN3/azprG1Anm3Q0
6     </head>
7
8     <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js" integrity="sha384-IQsoLX15P1LhosVNubq5IC7qb9DXgD9Ai+
9     <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js" integrity="sha384-CVKIPGMIC2A1Au+LWgxfkTRicfuJTJR+EQ0z
10 </html>
11
12 <?php
13     include './koneksi.php';
14
15     $id_buku = $_GET['id_buku'];
16
17
18     $sql = "DELETE FROM tabelbuku WHERE id_buku='$id_buku'";
19     if($conn->query($sql) === TRUE){
20         echo "<div class='alert alert-primary alert-success' role='alert'> <a href='tampil.php'>Kembali</a> <br> Hapus Data Sukses</div>";
21     }else{
22         echo "Error: " . $sql . "<br>" . $conn->error;
23     }
24
25     $conn->close();
26
27
28 >>
```

Ln 19, Col 30 Spaces: 4 UTF-8 CRLF PHP

OUTLINE

Type here to search

Windows Taskbar: File Explorer, File Manager, Notepad, Word, Excel, Powerpoint, Mail, File History, Task View, Taskbar Icons, Links, Weather, Date/Time, System Tray.

- **OUTPUT**

YouTube localhost/crud/formulir.php Meet - uho-gbro-psk

Api YouTube WhatsApp Dashboard CSS Tutorial Film Unggulan | No... https://docs.google...

Daftar bacaan

Input Buku

Judul Buku
Sang Kancil

Penulis
Rahamidin Zahari

Jenis Buku
Fiksi

Gambar Buku
Pilih File kancilbuaya.jpg

Simpan

Tampil Data Buku



YouTube localhost/crud/tampil.php Meet - uho-gbro-psk

Api YouTube WhatsApp Dashboard CSS Tutorial Film Unggulan | No... https://docs.google...

Daftar bacaan

Data Buku

Judul Buku :
Wayang Pandawa

Penulis :
Pitoyo Amrih

Jenis Buku :
Fiksi

Gambar Buku :



Ubah Hapus

Kancil dan Buaya Search

Tambah Data Buku



Data Buku

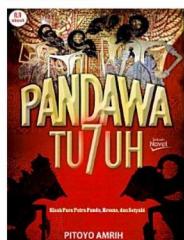
[Tambah Data Buku](#)

Judul Buku :
Wayang Pandawa

Penulis :
Pitoyo Amrih

Jenis Buku :
Fiksi

Gambar Buku :

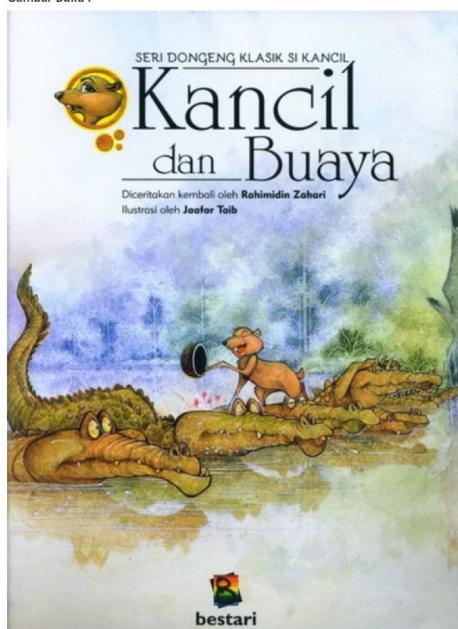
[Ubah](#) [Hapus](#)

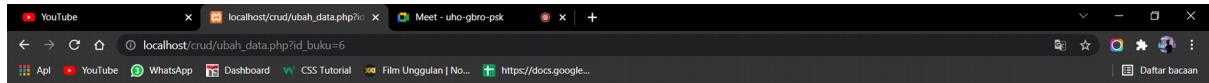
Judul Buku :
Sang Kancil

Penulis :
Rahamidin Zahari

Jenis Buku :
Fiksi

Gambar Buku :

[Ubah](#) [Hapus](#)



Judul Buku

Kancil dan Buaya

Penulis

Rahamidin Zahari

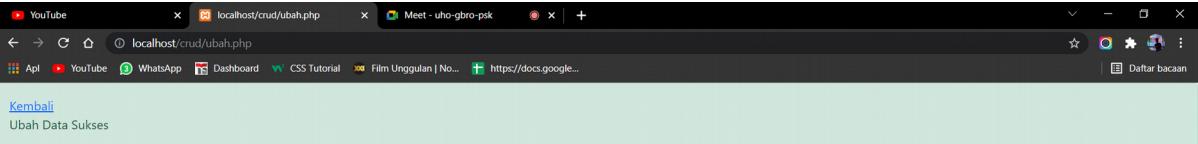
Jenis Buku

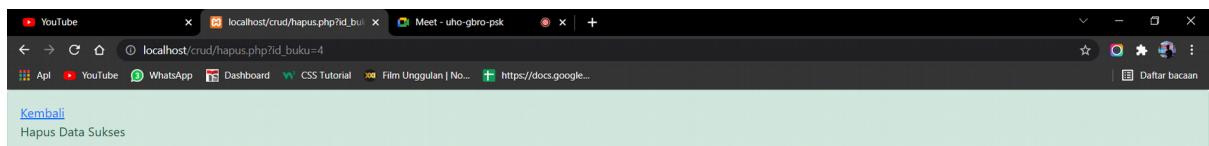
Fiksi

Gambar Buku

kancilbuaya.jpg

Simpan





Data Buku

[Tambah Data Buku](#)

Judul Buku :
Kancil dan Buaya

Penulis :
Rahamidin Zahari

Jenis Buku :
Fiksi

Gambar Buku :

The image shows the front cover of the children's book "SERI DONGENG KLASIK SI KANCIL: Kancil dan Buaya". The title is prominently displayed in large, stylized letters. Below the title, it says "Diceritakan kembali oleh Rahamidin Zahari" and "Ilustrasi oleh Jaafar Taib". The cover art depicts a small brown monkey (Kancil) standing on a log, facing a large green crocodile (Buaya) in a lush, green jungle environment. The publisher's logo, "bestari", is visible at the bottom of the cover.

[Ubah](#) [Hapus](#)