

LAPORAN TUGAS
PRAKTIKUM 5
WEB PROGRAMING



Disusun Oleh :

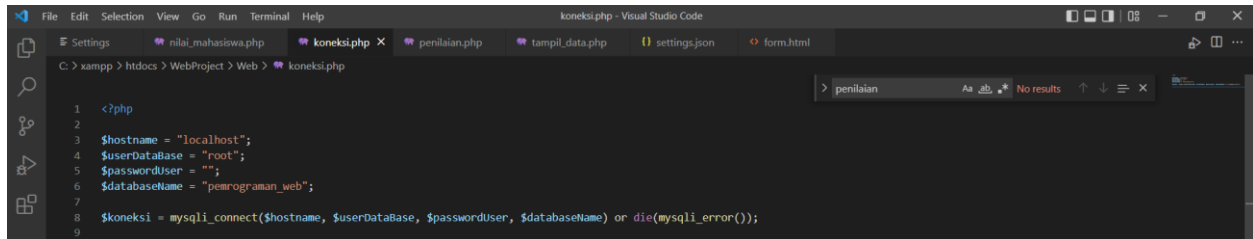
Wahyu Dwi Ananto

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KELAS F
TEKNIK INFORMATIKA
FAKULTAS ILMU KOMPUTER
UNIVERSITAS SINGAPERBANGSA KARAWANG
2022

```
File Edit Selection View Go Run Terminal Help nilai_mahasiswa.php - Visual Studio Code
C:\xampp\htdocs> WebProject > Web > nilai_mahasiswa.php
14 </head>
15
16 <body>
17 <div class="ananto">
18 <div class="span9" id="content">
19 <div class="row-fluid">
20 <div class="block">
21 <div class="navbar navbar-inner block-header">
22 <div class="muted pull-left">Nilai Mahasiswa</div>
23 </div>
24 <div class="block-content collapse in">
25 <div class="span12">
26 <form action="penilaian.php" method="POST">
27 <fieldset>
28 <legend>Input Nilai Mahasiswa</legend>
29 <div class="control-group">
30 <label class="control-label" for="NPM">MASUKAN NPM</label>
31 <div class="controls">
32 <input class="input-xlarge focused" id="NPM" type="text" name="npm" value="">
33 </div>
34 </div>
35 <div class="control-group">
36 <label class="control-label" for="NPM">MASUKAN NAMA</label>
37 <div class="controls">
38 <input class="input-xlarge focused" id="NPM" type="text" name="nama" value="">
39 </div>
40 </div>
41 <div class="control-group">
42 <label class="control-label" for="NPM">MASUKAN ABSEN</label>
43 <div class="controls">
44 <input class="input-xlarge focused" id="NPM" type="text" name="absen" value="">
45 </div>
46 </div>
47 <div class="control-group">
48 <label class="control-label" for="NPM">MASUKAN NILAI TUGAS</label>
49 <div class="controls">
50 <input class="input-xlarge focused" id="NPM" type="text" name="tugas" value="">
51 </div>
52 <div class="control-group">
53 <label class="control-label" for="NPM">MASUKAN NILAI UTS</label>
54 <div class="controls">
55 <input class="input-xlarge focused" id="NPM" type="text" name="uts" value="">
56 </div>
57 </div>
58 <div class="control-group">
59 <label class="control-label" for="NPM">MASUKAN NILAI UAS</label>
60 <div class="controls">
61 <input class="input-xlarge focused" id="NPM" type="text" name="uas" value="">
62 </div>
63 </div>
64 <div class="form-actions">
65 <button type="submit" class="btn btn-primary">Proses</button>
66 <button type="reset" class="btn">Cancel</button>
67 </div>
68 </form>
69 </div>
70 </div>
71 </div>
72 </div>
73 </div>
74
75 <div class="row-fluid">
76 <div class="block">
77 <table class="block" width="100%" cellpadding="1" align="center" cellspacing="1" border="1px">
78 <tr class="text-center" bgcolor="grey">
79 <th rowspan="2">NPM</th>
80 <th rowspan="2">Nama <br> Mahasiswa</th>
81 <th colspan="4">Nilai</th>
82 <th rowspan="2">Nilai <br> Total</th>
83 <th rowspan="2">Grade</th>
84 </tr>
85 <tr class="text-center" bgcolor="grey">
86 <th>Absensi</th>
87 <th>Tugas</th>
88 <th>UTS</th>
89 <th>UAS</th>
90 </tr>
91 </table>
92
93 <?php
94 while ($data = mysqli_fetch_assoc($proses)) {
95 <tr class="text-center">
96 <td><?php echo $data['npm'] ?></td>
97 <td><?php echo $data['nama_mahasiswa'] ?></td>
98 <td><?php echo $data['absen'] ?></td>
99 <td><?php echo $data['tugas'] ?></td>
100 <td><?php echo $data['uts'] ?></td>
101 <td><?php echo $data['uas'] ?></td>
102 <td><?php echo $data['akhir'] ?></td>
103 <td><?php echo $data['grade'] ?></td>
104 </tr>
105 <?php
106 }
107 ?>
108 </table>
109
110 </div>
111 </div>
112 </div>
113 </body>
114 </html>
115
116
```

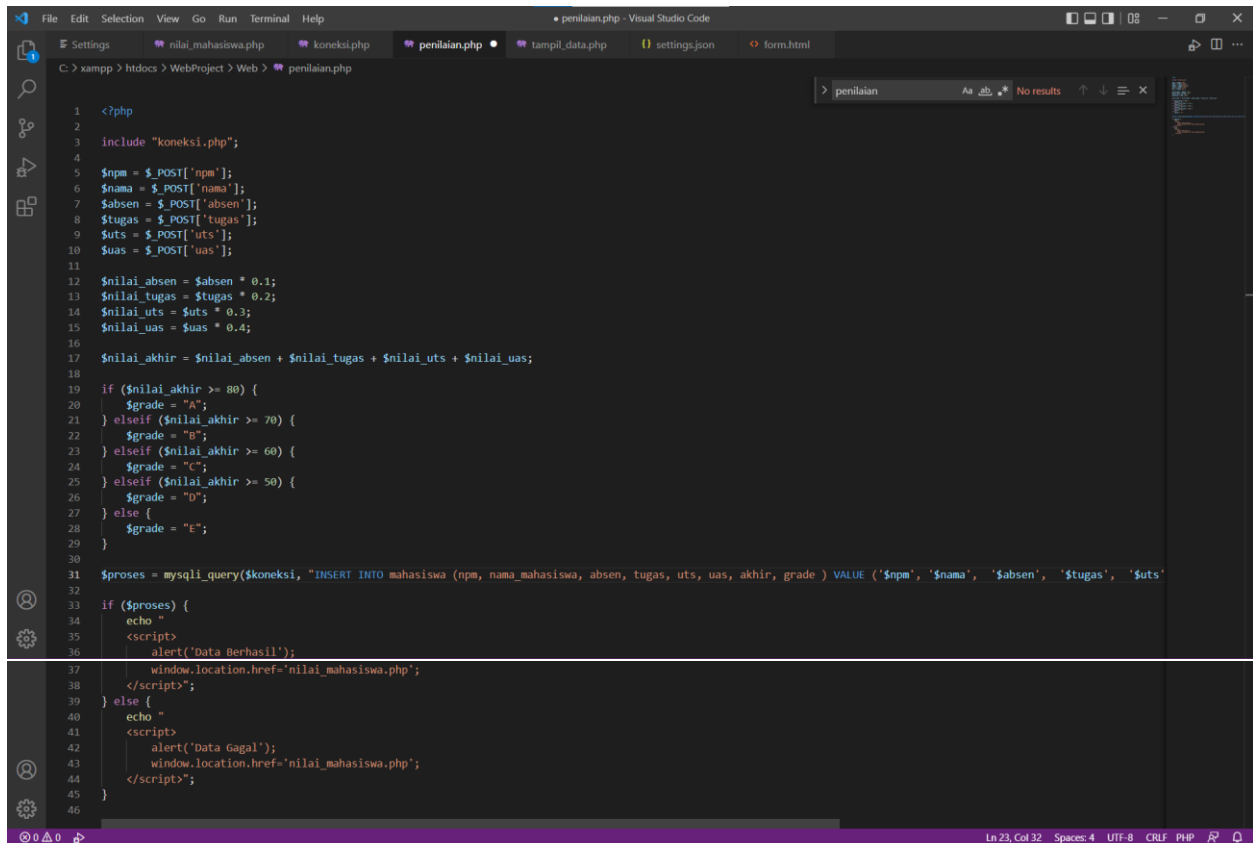
2.



The screenshot shows the Visual Studio Code editor with the file koneksi.php open. The code defines database connection variables and uses mysql_connect to establish a connection. The search bar at the top right shows the word 'penilaian'.

```
1 <?php
2
3 $hostname = "localhost";
4 $userDatabase = "root";
5 $passwordUser = "";
6 $databaseName = "pemrograman_web";
7
8 $koneksi = mysqli_connect($hostname, $userDatabase, $passwordUser, $databaseName) or die(mysqli_error());
9
```

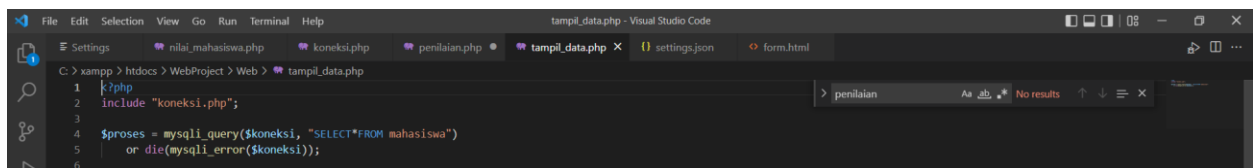
3.



The screenshot shows the Visual Studio Code editor with the file penilaian.php open. The code includes koneksi.php, processes form data, calculates an average score, and determines a grade. It also uses mysqli_query to insert data into the mahasiswa table. The search bar at the top right shows the word 'penilaian'.

```
1 <?php
2
3 include "koneksi.php";
4
5 $npm = $_POST['npm'];
6 $nama = $_POST['nama'];
7 $absen = $_POST['absen'];
8 $tugas = $_POST['tugas'];
9 $uts = $_POST['uts'];
10 $uas = $_POST['uas'];
11
12 $nilai_absen = $absen * 0.1;
13 $nilai_tugas = $tugas * 0.2;
14 $nilai_uts = $uts * 0.3;
15 $nilai_uas = $uas * 0.4;
16
17 $nilai_akhir = $nilai_absen + $nilai_tugas + $nilai_uts + $nilai_uas;
18
19 if ($nilai_akhir >= 80) {
20     $grade = "A";
21 } elseif ($nilai_akhir >= 70) {
22     $grade = "B";
23 } elseif ($nilai_akhir >= 60) {
24     $grade = "C";
25 } elseif ($nilai_akhir >= 50) {
26     $grade = "D";
27 } else {
28     $grade = "E";
29 }
30
31 $proses = mysqli_query($koneksi, "INSERT INTO mahasiswa (npm, nama_mahasiswa, absen, tugas, uts, uas, akhir, grade) VALUE ('$npm', '$nama', '$absen', '$tugas', '$uts', '$uas', '$nilai_akhir', '$grade')");
32
33 if ($proses) {
34     echo "
35     <script>
36         alert('Data Berhasil!');
37         window.location.href='nilai_mahasiswa.php';
38     </script>";
39 } else {
40     echo "
41     <script>
42         alert('Data Gagal!');
43         window.location.href='nilai_mahasiswa.php';
44     </script>";
45 }
46
```

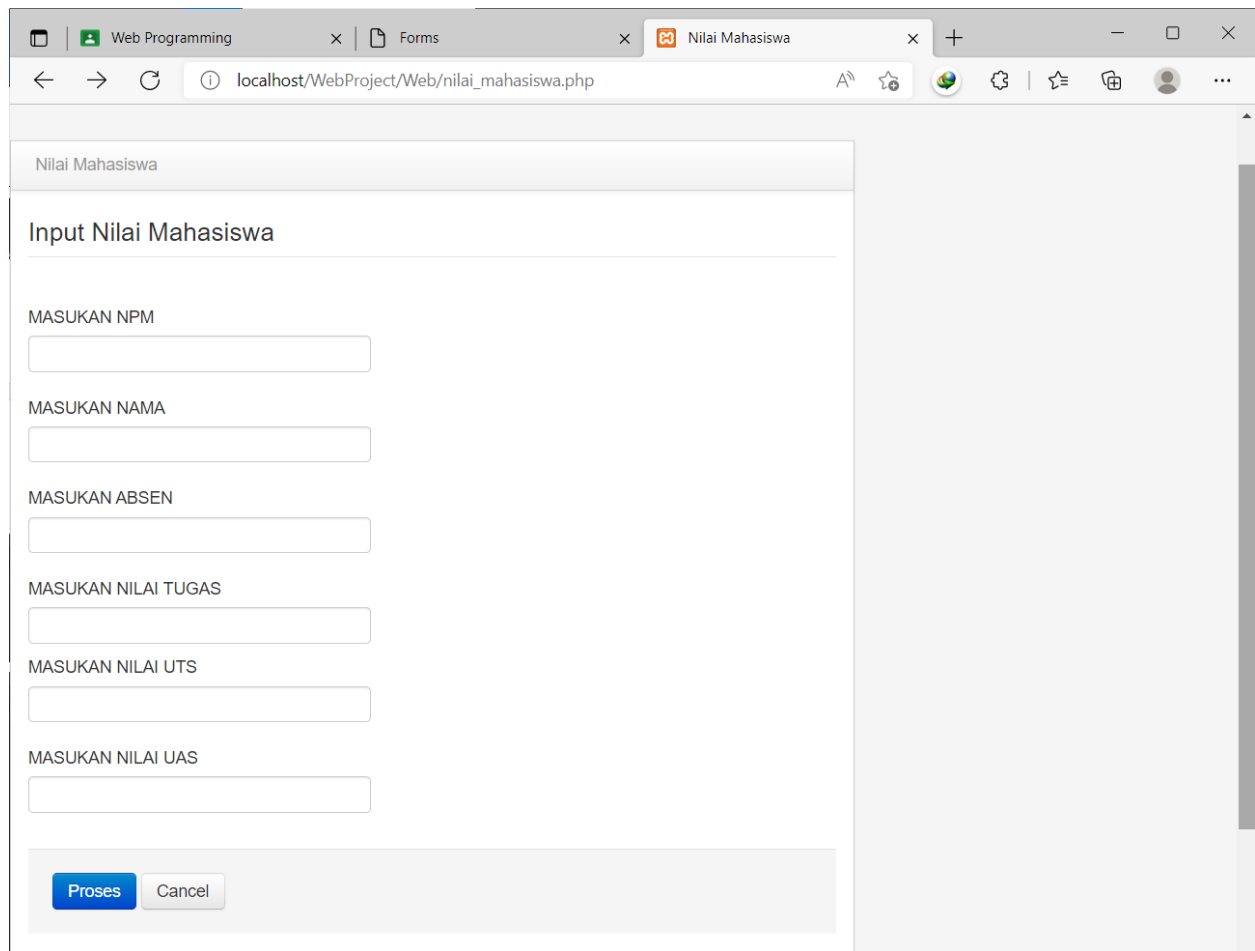
4.



The screenshot shows the Visual Studio Code editor with the file tampil_data.php open. The code includes koneksi.php and uses mysqli_query to select data from the mahasiswa table. The search bar at the top right shows the word 'penilaian'.

```
1 <?php
2 include "koneksi.php";
3
4 $proses = mysqli_query($koneksi, "SELECT*FROM mahasiswa");
5 or die(mysqli_error($koneksi));
6
```

OUTPUT



The screenshot displays a web browser window with three tabs: 'Web Programming', 'Forms', and 'Nilai Mahasiswa'. The address bar shows the URL 'localhost/WebProject/Web/nilai_mahasiswa.php'. The page content is a form titled 'Input Nilai Mahasiswa' with a light gray header. The form contains six input fields, each preceded by a label: 'MASUKAN NPM', 'MASUKAN NAMA', 'MASUKAN ABSEN', 'MASUKAN NILAI TUGAS', 'MASUKAN NILAI UTS', and 'MASUKAN NILAI UAS'. At the bottom of the form, there are two buttons: a blue 'Proses' button and a gray 'Cancel' button.

Nilai Mahasiswa

Input Nilai Mahasiswa

MASUKAN NPM

MASUKAN NAMA

MASUKAN ABSEN

MASUKAN NILAI TUGAS

MASUKAN NILAI UTS

MASUKAN NILAI UAS

Web Programming

Forms

Nilai Mahasiswa

localhost/WebProject/Web/nilai_mahasiswa.php

MASUKAN NPM

MASUKAN NAMA

MASUKAN ABSEN

MASUKAN NILAI TUGAS

MASUKAN NILAI UTS

MASUKAN NILAI UAS

Proses

Cancel

NPM	Nama Mahasiswa	Nilai				Nilai Total	Grade
		Absensi	Tugas	UTS	UAS		
20124	Dwi	89	57	80	91	80.7	A
2147483647	Wahyu	90	85	78	93	86.6	A

Tabel Database

localhost / 127.0.0.1 / pemrograman

localhost/phpmyadmin/index.php?route=/table/structure&db=pemrograman_web&table=mahasiswa

Server: 127.0.0.1Database: pemrograman_webTable: mahasiswa

BrowseStructureSQLSearchInsertExportImportPrivilegesOperationsTrackingTriggers

Table structureRelation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 npm	int(13)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 nama_mahasiswa	varchar(255)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3 absen	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4 tugas	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	5 uts	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	6 uas	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	7 akhir	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	8 grade	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More

☐ Check allWith selected: Browse Change Drop Primary Unique Index Spatial Fulltext Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Normalize

Add1column(s)after gradeGo

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Rename Drop	PRIMARY	BTREE	Yes	No	npm	2	A	No	

Create an index on1column(s)Go

Console

Data Dalam Database

localhost / 127.0.0.1 / pemrograman

localhost/phpmyadmin/index.ph...

Server: 127.0.0.1 » Database: pemrograman_web » Table: mahasiswa

Showing rows 0 - 1 (2 total, Query took 0.0169 seconds.)

`SELECT * FROM `mahasiswa``

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25

+ Options

			npm	nama_mahasiswa	absen	tugas	uts	uas	akhir	grade	
<input type="checkbox"/>	Edit	Copy	Delete	20124	Dwi	89	57	80	91	80.7	A
<input type="checkbox"/>	Edit	Copy	Delete	2147483647	Wahyu	90	85	78	93	86.6	A

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label: ☐ Let every user access this bookmark

Bookmark this SQL query

Console