

# **“FUNCTION IN PHP”**

*Disusun dalam rangka memenuhi tugas mata kuliah Pemrograman Web II*



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**KELAS F**

**PROGRAM STUDI TEKNIK INFORMATIKA**

**FAKULTAS TEKNIK**

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## 1. Latihan 2 (*latihan2.php*)

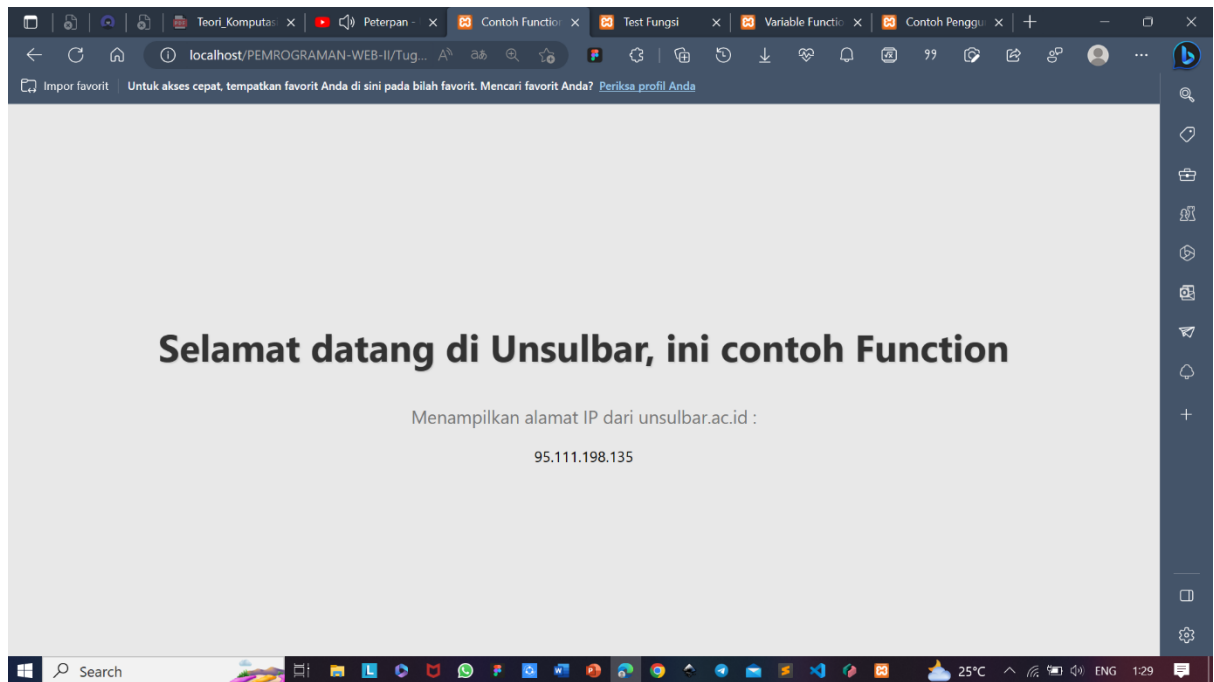
The screenshot displays the Visual Studio Code interface with a PHP file named 'latihan2.php' open in the 'Tugas 3' folder. The file contains HTML and PHP code. The HTML part defines a container with a Segoe UI font, a light gray background, and a centered heading 'Cantoh Function'. The PHP part defines a function 'getIpAddress' and a function 'name' that echoes a message with the host name and a function name. The file explorer on the left shows the project structure, including folders 'Tugas 2' and 'Tugas 3', and various PHP files. The status bar at the bottom shows 'Ln 9, Col 1' and other editor settings.

```

1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5     <meta charset="UTF-8">
6     <meta http-equiv="X-UA-Compatible" content="IE=edge">
7     <meta name="viewport" content="width=device-width, initial-scale=1.0">
8     <title>Cantoh Function</title>
9     <style>
10         body {
11             margin: 0;
12             padding: 0;
13             font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
14             background-color: #e8e8e8;
15             display: flex;
16             flex-direction: column;
17             justify-content: center;
18             align-items: center;
19             height: 100vh;
20         }
21
22         h1 {
23             font-size: 2.5rem;
24             margin-bottom: 1rem;
25             color: #333;
26             text-align: center;
27             text-shadow: 1px 1px 1px #ccc;
28         }
29
30         p {
31             font-size: 1.2rem;
32             color: #777;
33             text-align: center;
34         }
35     </style>
36 </head>
37
38 <body>
39     <?php
40         function getIpAddress($host_name)
41         {
42             $ip_address = gethostbyname($host_name);
43             return $ip_address;
44         }
45
46         function name($nama, $kalimat)
47         {
48             echo "<h1>Selamat datang di $nama, ini contoh $kalimat</h1>";
49
50             name("Unsublar", "Function");
51             $host_name = "unsublar.ac.id";
52             $ip_address = getIpAddress($host_name);
53             // echo "Menampilkan alamat IP dari $host_name : " . $ip_address;
54             echo "<p>Menampilkan alamat IP dari $host_name : <p>" . $ip_address;
55             ?>
56     </body>
57 </html>

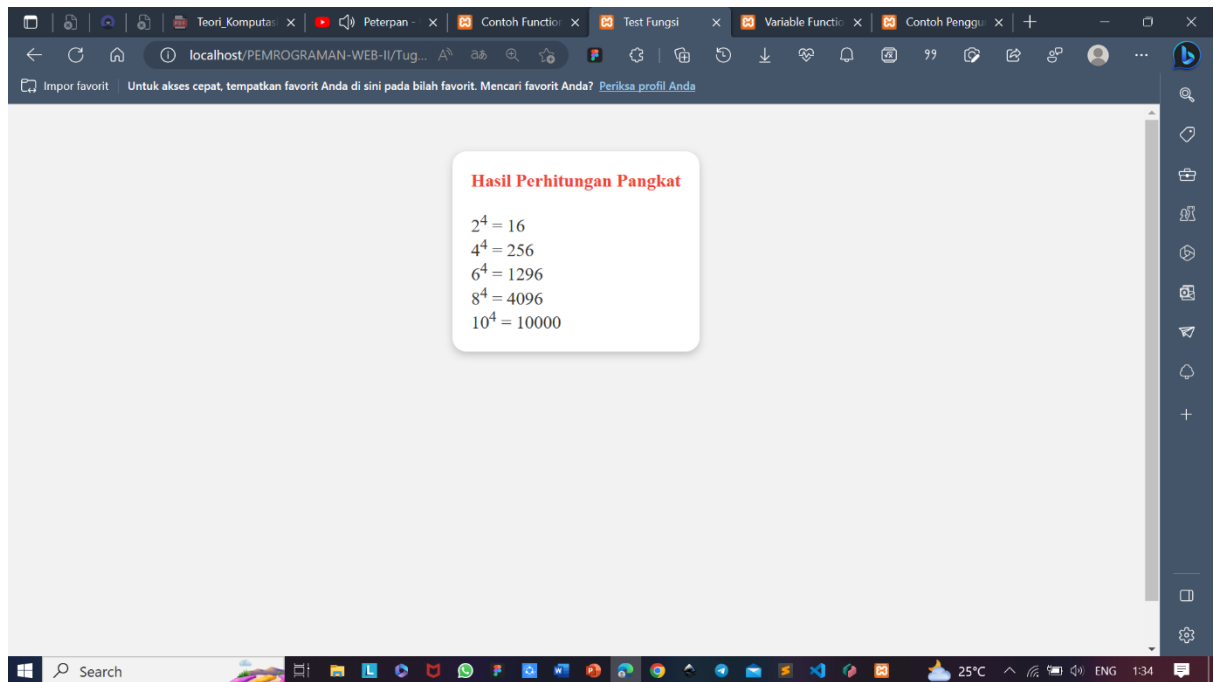
```

## Output:

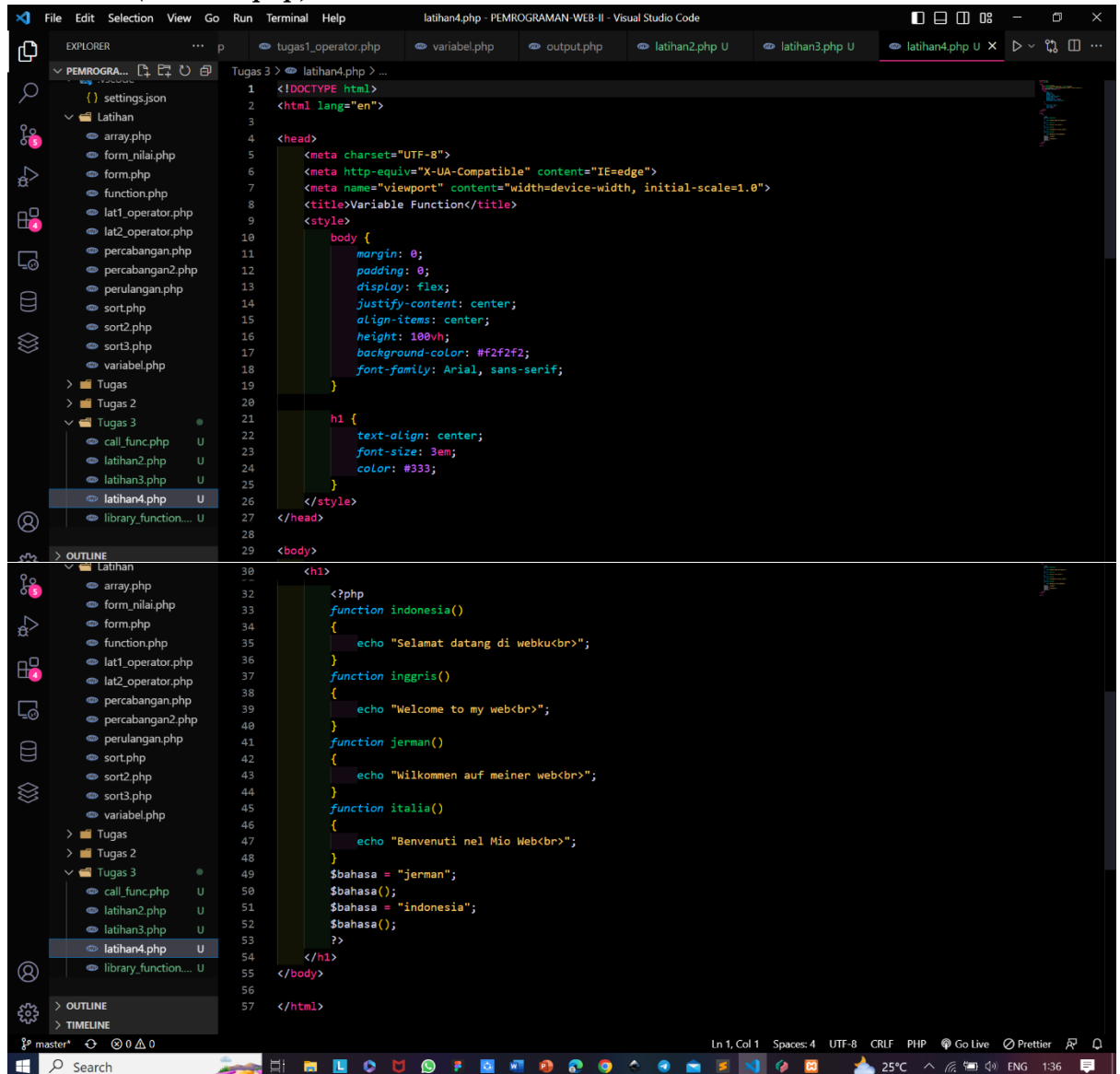


## 2. Latihan 3 (*latihan3.php*)

## Output:

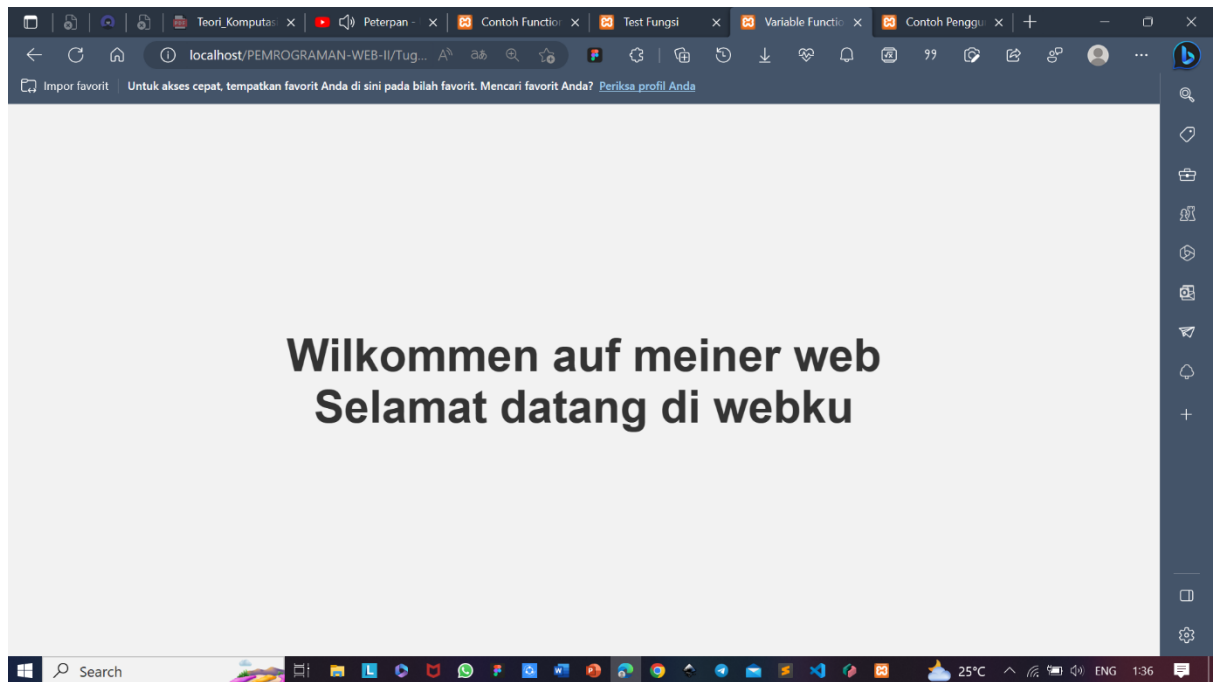


### 3. Latihan 4 (*latihan4.php*)



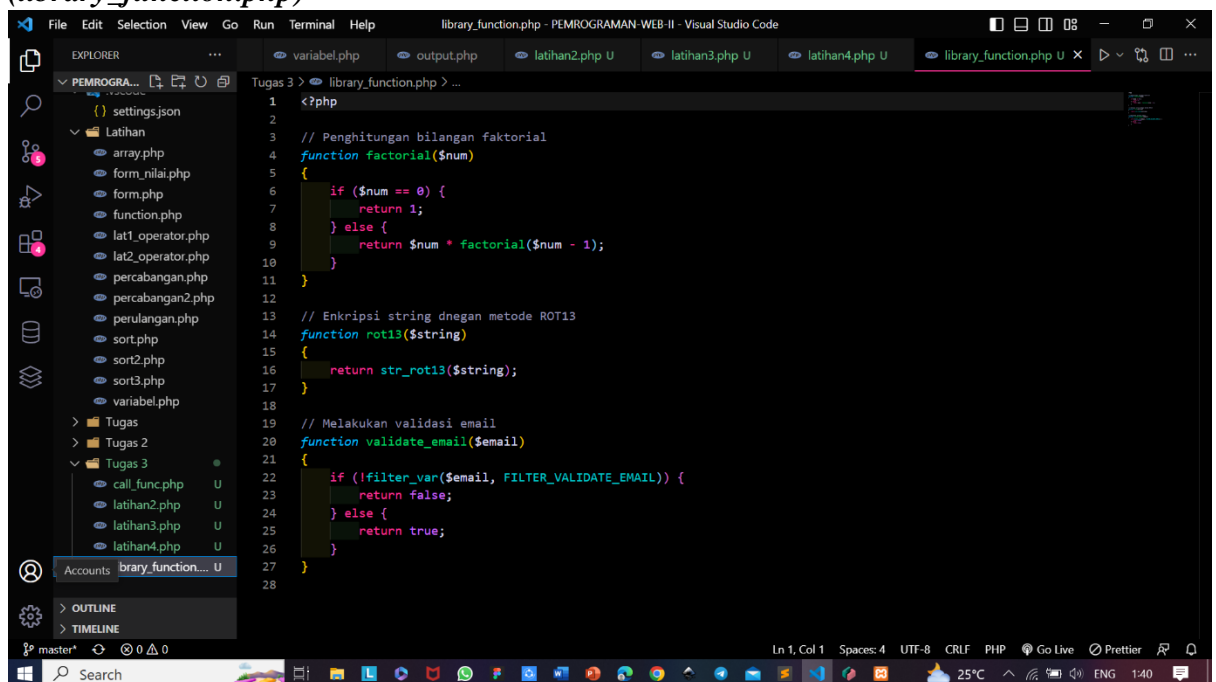
```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5     <meta charset="UTF-8">
6     <meta http-equiv="X-UA-Compatible" content="IE=edge">
7     <meta name="viewport" content="width=device-width, initial-scale=1.0">
8     <title>Variable Function</title>
9     <style>
10         body {
11             margin: 0;
12             padding: 0;
13             display: flex;
14             justify-content: center;
15             align-items: center;
16             height: 100vh;
17             background-color: #f2f2f2;
18             font-family: Arial, sans-serif;
19         }
20
21         h1 {
22             text-align: center;
23             font-size: 3em;
24             color: #333;
25         }
26     </style>
27 </head>
28
29 <body>
30
31 <h1>
32     <?php
33     function indonesia()
34     {
35         echo "Selamat datang di webku<br>";
36     }
37     function inggris()
38     {
39         echo "Welcome to my web<br>";
40     }
41     function jerman()
42     {
43         echo "Willkommen auf meiner web<br>";
44     }
45     function italia()
46     {
47         echo "Benvenuti nel Mio Web<br>";
48     }
49     $bahasa = "jerman";
50     $bahasa();
51     $bahasa = "indonesia";
52     $bahasa();
53     ?>
54 </h1>
55 </body>
56
57 </html>
```

## Output:

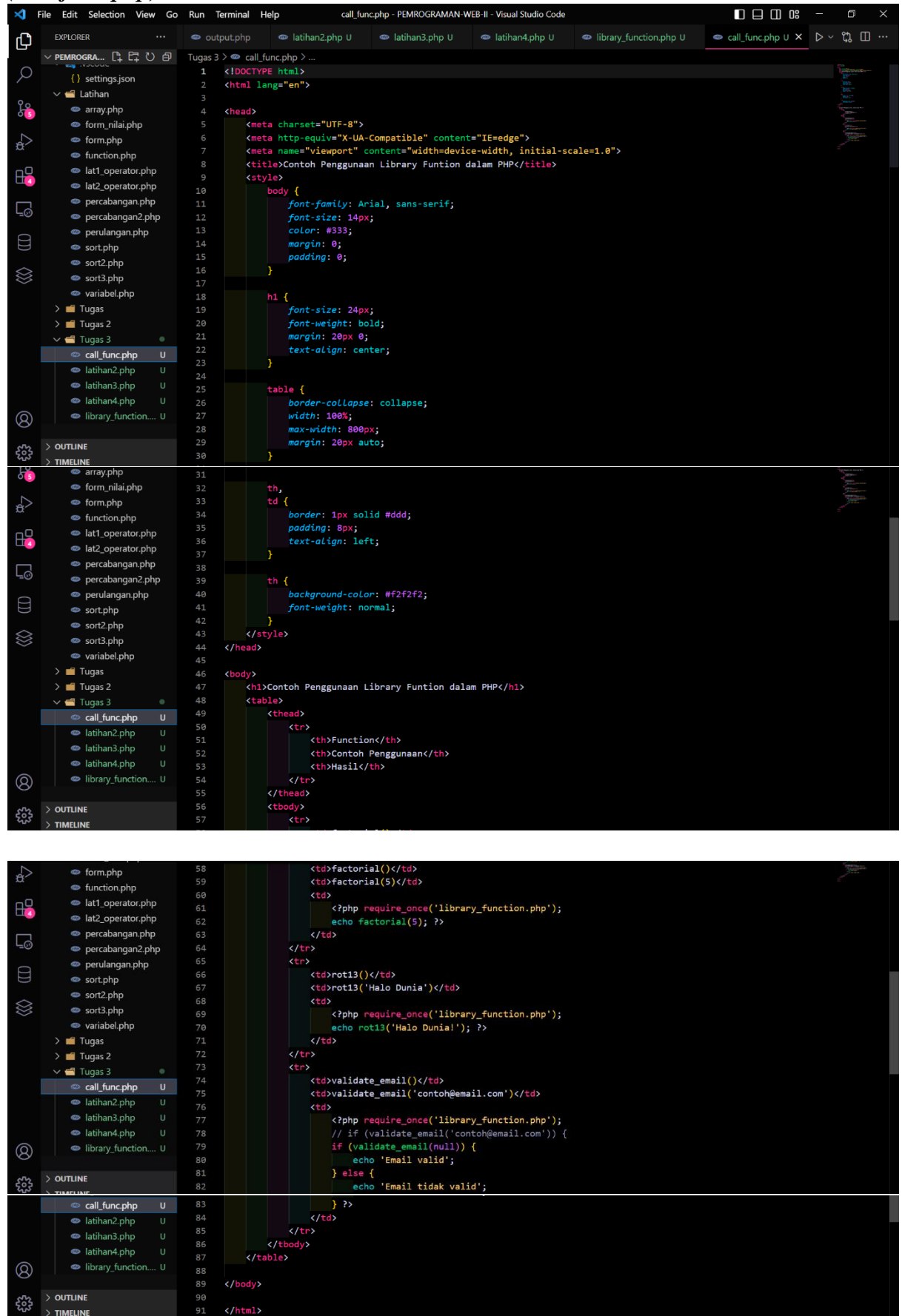


## Latihan 5

*(library\_function.php)*



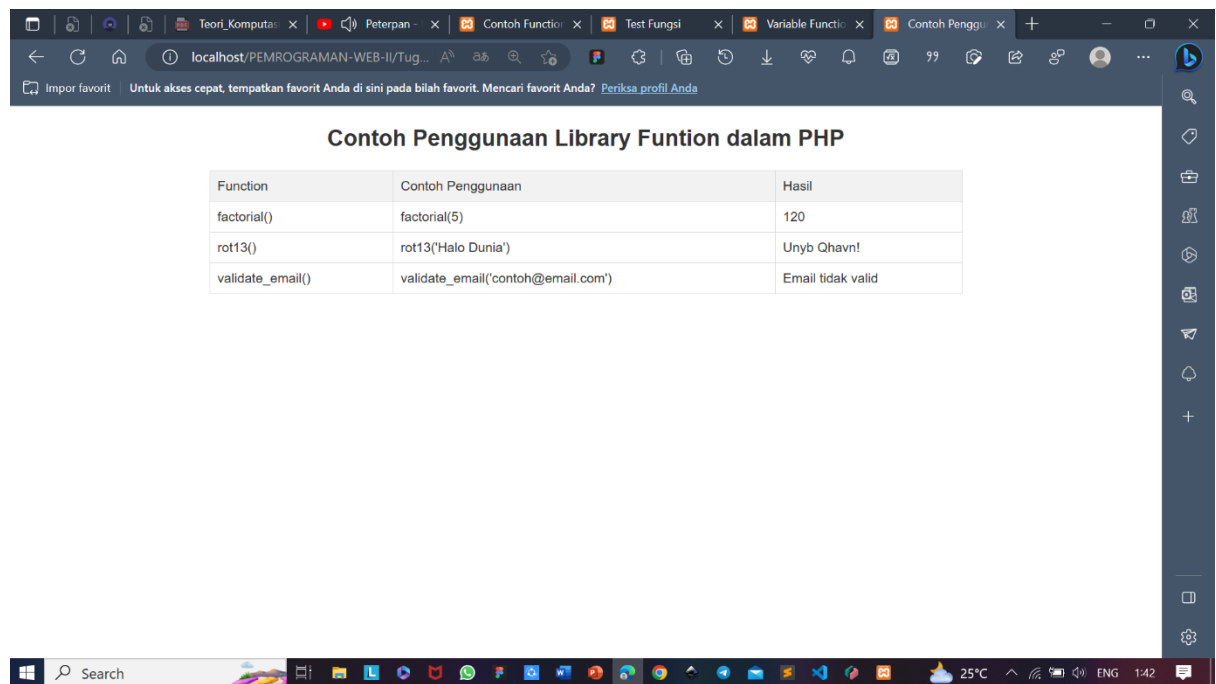
## (call\_func.php)



```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5     <meta charset="UTF-8">
6     <meta http-equiv="X-UA-Compatible" content="IE=edge">
7     <meta name="viewport" content="width=device-width, initial-scale=1.0">
8     <title>Contoh Penggunaan Library Funtion dalam PHP</title>
9
10    <style>
11        body {
12            font-family: Arial, sans-serif;
13            font-size: 14px;
14            color: #333;
15            margin: 0;
16            padding: 0;
17        }
18
19        h1 {
20            font-size: 24px;
21            font-weight: bold;
22            margin: 20px 0;
23            text-align: center;
24        }
25
26        table {
27            border-collapse: collapse;
28            width: 100%;
29            max-width: 800px;
30            margin: 20px auto;
31        }
32
33        th,
34        td {
35            border: 1px solid #ddd;
36            padding: 8px;
37            text-align: left;
38        }
39
40        th {
41            background-color: #f2f2f2;
42            font-weight: normal;
43        }
44    </style>
45
46 </head>
47
48 <body>
49     <h1>Contoh Penggunaan Library Funtion dalam PHP</h1>
50     <table>
51         <thead>
52             <tr>
53                 <th>Function</th>
54                 <th>Contoh Penggunaan</th>
55                 <th>Hasil</th>
56             </tr>
57         </thead>
58         <tbody>
59             <tr>
60                 <td>factorial()</td>
61                 <td>factorial(5)</td>
62                 <td>
63                     <?php require_once('library_function.php');
64                     echo factorial(5); ?>
65                 </td>
66             </tr>
67             <tr>
68                 <td>rot13()</td>
69                 <td>rot13('Halo Dunia')</td>
70                 <td>
71                     <?php require_once('library_function.php');
72                     echo rot13('Halo Dunia'); ?>
73                 </td>
74             </tr>
75             <tr>
76                 <td>validate_email()</td>
77                 <td>validate_email('contoh@email.com')</td>
78                 <td>
79                     <?php require_once('library_function.php');
80                     // if (validate_email('contoh@email.com')) {
81                     if (validate_email(null)) {
82                         echo 'Email valid';
83                     } else {
84                         echo 'Email tidak valid';
85                     } ?>
86                 </td>
87             </tr>
88         </tbody>
89     </table>
90
91 </body>
92
93 </html>
```



## Output:



The screenshot shows a web browser window with the title bar containing several tabs: 'Teori\_Komputasi', 'Peterpan', 'Contoh Fungsi', 'Test Fungsi', 'Variable Fungsi', and 'Contoh Penggunaan'. The address bar shows the URL 'localhost/PEMROGRAMAN-WEB-II/Tug...'. The main content area displays a table titled 'Contoh Penggunaan Library Funtion dalam PHP'. The table has three columns: 'Function', 'Contoh Penggunaan', and 'Hasil'. The data rows are as follows:

Function	Contoh Penggunaan	Hasil
factorial()	factorial(5)	120
rot13()	rot13('Halo Dunia')	Unyb Qhavn!
validate_email()	validate_email('contoh@email.com')	Email tidak valid

The browser's taskbar at the bottom shows the Windows logo, a search bar, and various application icons. The system tray on the right indicates a temperature of 25°C, network status, and the time 1:42.