

## Code Program indeks.php

```
<?php
$errors = [];
$values = [
    "nama" => "",
    "email" => "",
    "nim" => "",
    "jurusan" => "",
    "alasan" => ""
];
$success = false;

function clean($s){ return htmlspecialchars(trim($s ?? ""), ENT_QUOTES, 'UTF-8'); }

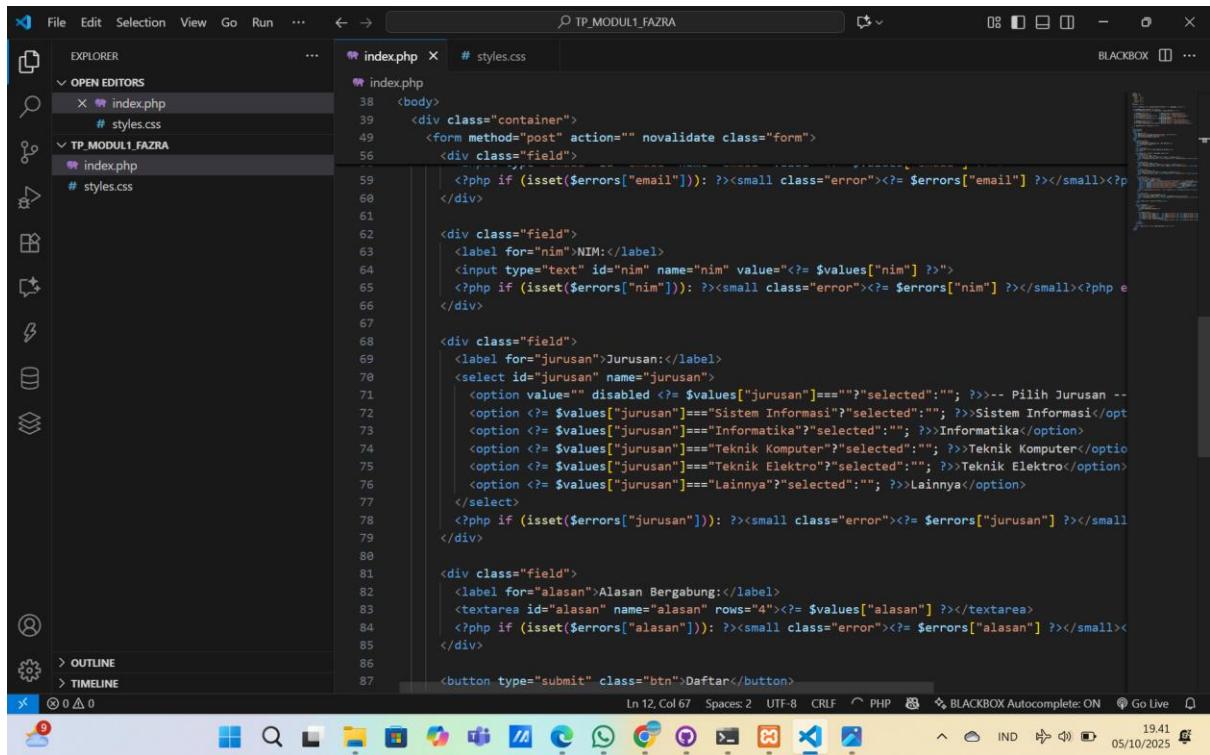
if ($_SERVER["REQUEST_METHOD"] === "POST") {
    foreach ($values as $k => $_) { $values[$k] = clean($_POST[$k] ?? ""); }

    if ($values["nama"] === "") { $errors["nama"] = "Nama wajib diisi"; }
    if ($values["nim"] === "") { $errors["nim"] = "NIM wajib diisi"; }
    elseif (!ctype_digit($values["nim"])) { $errors["nim"] = "NIM harus berupa angka"; }
    if ($values["email"] === "") { $errors["email"] = "Email wajib diisi"; }
    elseif (!filter_var($values["email"], FILTER_VALIDATE_EMAIL)) { $errors["email"] = "Email tidak valid"; }
    if ($values["jurusan"] === "") { $errors["jurusan"] = "Jurusan wajib dipilih"; }
    if ($values["alasan"] === "") { $errors["alasan"] = "Alasan wajib diisi"; }
    elseif (mb_strlen($values["alasan"])<10) { $errors["alasan"] = "Alasan minimal 10 karakter"; }

    if (empty($errors)) { $success = true; }
}
?>
<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Pendaftaran Anggota EAD Laboratory</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
    <div class="container">
        <header class="header">
            <h2>Form Pendaftaran Keanggotaan Lab - EAD Laboratory</h2>
            <div class="module-label">
            </div>
        </header>
        <?php if ($success): ?>
        <div class="alert success">Data Pendaftaran Berhasil!</div>
        <?php endif; ?>
        <form method="post" action="" novalidate class="form">
            <div class="field">
                <label for="nama">Nama:</label>
                <input type="text" id="nama" name="nama" value=<?= $values["nama"] ?? "">>
                <?php if (isset($errors["nama"])): ?><small class="error"><?= $errors["nama"] ?? ""></small><?php endif; ?>
            </div>
            <div class="field">
            </div>
        </form>
    </div>
</body>
</html>
```

```
if ($_SERVER["REQUEST_METHOD"] === "POST") {
    elseif (mb_strlen($values["alasan"])<10) { $errors["alasan"] = "Alasan minimal 10 karakter"; }

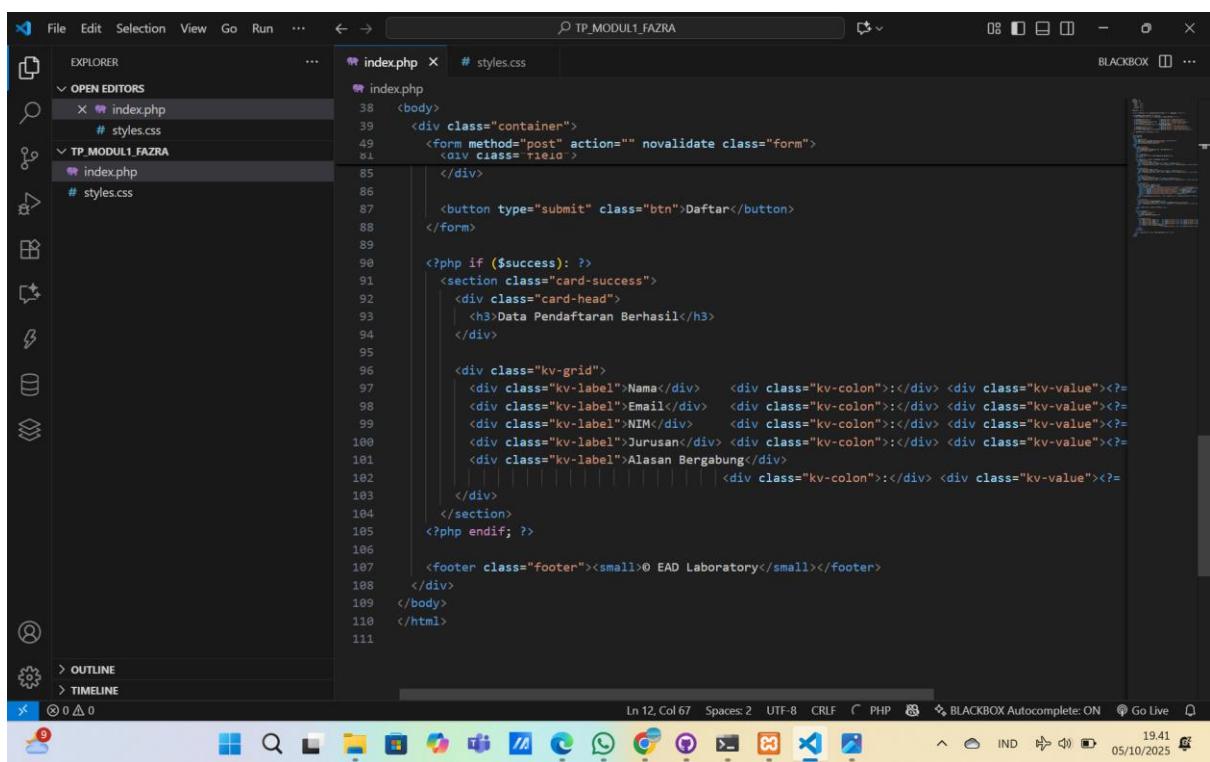
    if (empty($errors)) { $success = true; }
}
?>
<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Pendaftaran Anggota EAD Laboratory</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
    <div class="container">
        <header class="header">
            <h2>Form Pendaftaran Keanggotaan Lab - EAD Laboratory</h2>
            <div class="module-label">
            </div>
        </header>
        <?php if ($success): ?>
        <div class="alert success">Data Pendaftaran Berhasil!</div>
        <?php endif; ?>
        <form method="post" action="" novalidate class="form">
            <div class="field">
                <label for="nama">Nama:</label>
                <input type="text" id="nama" name="nama" value=<?= $values["nama"] ?? "">>
                <?php if (isset($errors["nama"])): ?><small class="error"><?= $errors["nama"] ?? ""></small><?php endif; ?>
            </div>
            <div class="field">
            </div>
        </form>
    </div>
</body>
</html>
```



```
index.php # styles.css
<?php if (isset($errors["email"])): ?><small class="error"><?= $errors["email"] ?></small><?php endif; ?>
<div class="field">
    <label for="nim">NIM:</label>
    <input type="text" id="nim" name="nim" value=<?= $values["nim"] ?>>>
    <?php if (isset($errors["nim"])): ?><small class="error"><?= $errors["nim"] ?></small><?php endif; ?>

```

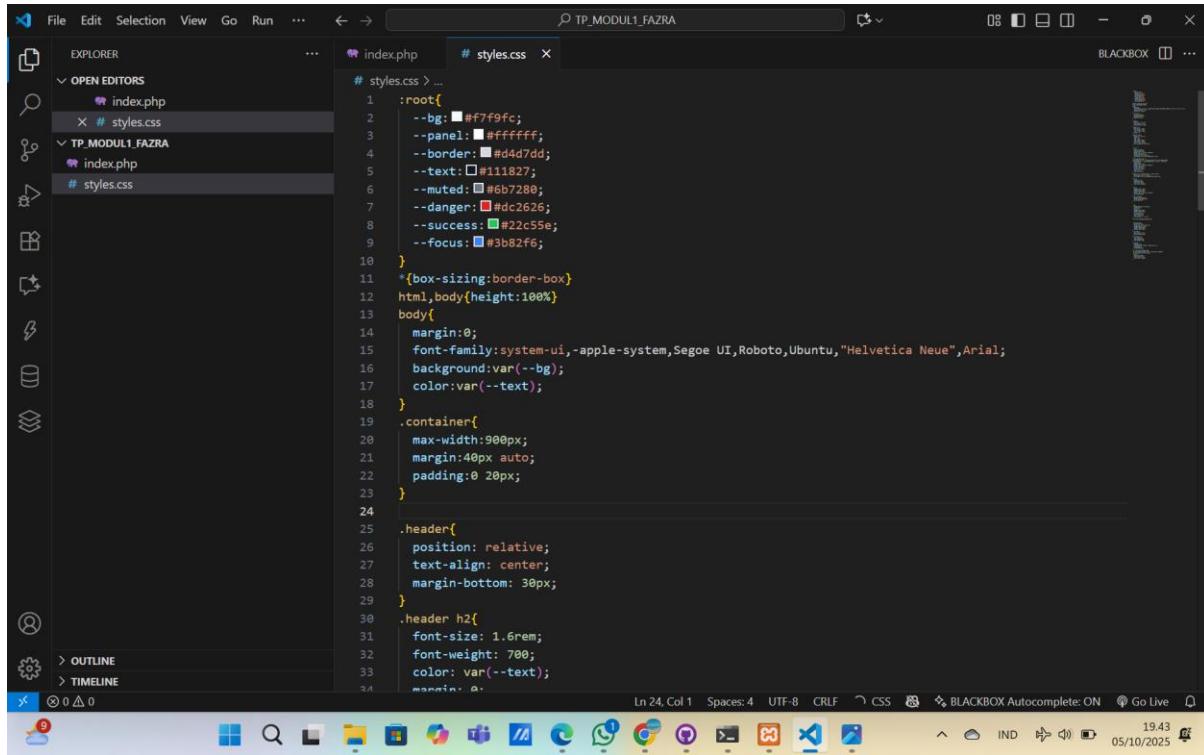
The screenshot shows a code editor interface with two open files: index.php and styles.css. The index.php file contains PHP code for a registration form. It includes validation logic for the 'email' field and the 'nim' field. The validation for 'nim' checks if it's already present in the '\$values' array and displays an error message if it is. The code uses short tags (e.g., <?php if (isset(\$errors["nim"])): ?>) and standard tags (e.g., <?php endif; ?>). The styles.css file is currently empty.



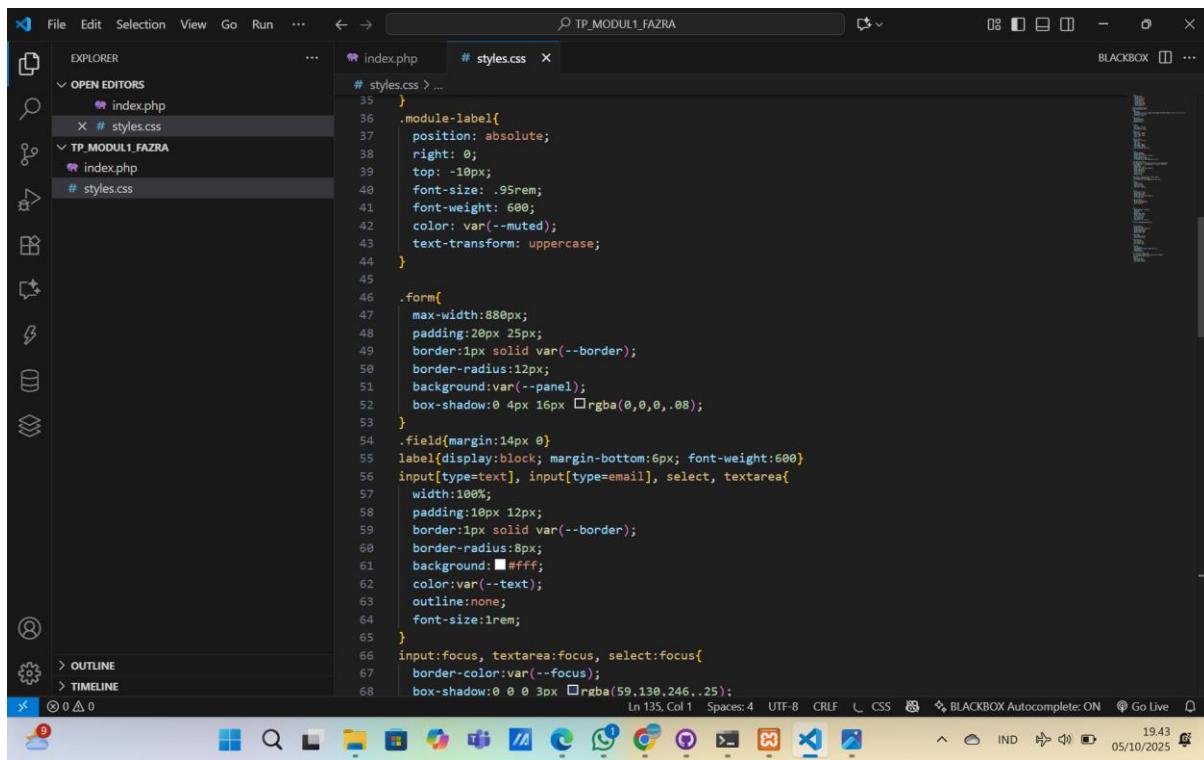
```
index.php # styles.css
<?php if ($success): ?>
<section class="card-success">
    <div class="card-head">
        <h3>Data Pendaftaran Berhasil</h3>
    </div>
    <div class="kv-grid">
        <div class="kv-label">Nama</div> <div class="kv-colon"></div> <div class="kv-value"><?= $values["name"] ?></div>
        <div class="kv-label">Email</div> <div class="kv-colon"></div> <div class="kv-value"><?= $values["email"] ?></div>
        <div class="kv-label">NIM</div> <div class="kv-colon"></div> <div class="kv-value"><?= $values["nim"] ?></div>
        <div class="kv-label">Jurusan</div> <div class="kv-colon"></div> <div class="kv-value"><?= $values["jurusan"] ?></div>
        <div class="kv-label">Alasan Bergabung</div> <div class="kv-colon"></div> <div class="kv-value"><?= $values["alasan"] ?></div>
    </div>
</section>
<?php endif; ?>
```

This screenshot shows the same code editor interface after some changes. The index.php file now includes a success card section (indicated by the 'card-success' class) that displays the registered data (Name, Email, NIM, Jurusan, and Alasan Bergabung) in a grid format. Below this card is a footer section containing the text '© EAD Laboratory'. The styles.css file remains empty.

## Code Program style.css



```
# styles.css > ...
1  :root{
2    --bg: #ef7f9fc;
3    --panel: #ffffff;
4    --border: #d4d7dd;
5    --text: #111827;
6    --muted: #6b7280;
7    --danger: #dc262e;
8    --success: #22c55e;
9    --focus: #3b82f6;
10   }
11  *{box-sizing:border-box}
12  html, body{height:100%}
13  body{
14    margin:0;
15    font-family:system-ui,-apple-system,Segoe UI,Roboto,Ubuntu,"Helvetica Neue",Arial;
16    background:var(--bg);
17    color:var(--text);
18  }
19  .container{
20    max-width:900px;
21    margin:40px auto;
22    padding:0 20px;
23  }
24  .header{
25    position: relative;
26    text-align: center;
27    margin-bottom: 30px;
28  }
29  .header h2{
30    font-size: 1.6rem;
31    font-weight: 700;
32    color: var(--text);
33    margin: 0;
```



```
34  }
35  .module-label{
36    position: absolute;
37    right: 0;
38    top: -10px;
39    font-size: .95rem;
40    font-weight: 600;
41    color: var(--muted);
42    text-transform: uppercase;
43  }
44  .
45  .form{
46    max-width:880px;
47    padding:20px 25px;
48    border:1px solid var(--border);
49    border-radius:12px;
50    background:var(--panel);
51    box-shadow:0 4px 16px 0 rgba(0,0,0,.08);
52  }
53  .
54  .field{margin:14px 0}
55  label{display:block; margin-bottom:6px; font-weight:600}
56  input[type=text], input[type=email], select, textarea{
57    width:100%;
58    padding:10px 12px;
59    border:1px solid var(--border);
60    border-radius:8px;
61    background: #fff;
62    color:var(--text);
63    outline:none;
64    font-size:1rem;
65  }
66  input:focus, textarea:focus, select:focus{
67    border-color:var(--focus);
68    box-shadow:0 0 3px 0 rgba(59,130,246,.25);
69  }
70  
```

File Edit Selection View Go Run ... ← → TP\_MODUL1\_FAZRA 08 BLACKBOX ...

EXPLORER OPEN EDITORS index.php # styles.css

```
# styles.css > ...
66 input:focus, textarea:focus, select:focus{
67   outline: 1px solid var(--border);
68 }
69 .error{
70   display: block;
71   margin-top: 8px;
72   font-size: .9rem;
73   color: var(--danger);
74 }
75 }

76 .alert{
77   margin: 14px 0 18px;
78   padding: 12px 14px;
79   border-radius: 8px;
80   border: 1px solid var(--border);
81   font-weight: 600;
82 }
83 .alert.success{
84   background: #e0f2e0;
85   border-color: #bbf7d0;
86   color: #166534;
87 }

88

89

90 .btn{
91   background: var(--success);
92   color: #fff;
93   border: 0;
94   padding: 10px 20px;
95   border-radius: 8px;
96   cursor: pointer;
97   font-weight: 700;
98   font-size: 1rem;
99   transition: all .2s ease;
100 }
```

Ln 135, Col 1 Spaces: 4 UTF-8 CRLF CSS BLACKBOX Autocomplete: ON Go Live 19.43 05/10/2025

File Edit Selection View Go Run ... ← → TP\_MODUL1\_FAZRA 08 BLACKBOX ...

EXPLORER OPEN EDITORS index.php # styles.css

```
# styles.css > ...
102 .btn:hover{background: #16a34a}
103
104
105 .card-success{
106   margin-top: 22px;
107   border: 1px solid #bbf7d0;
108   background: #e0f2e0;
109   border-radius: 10px;
110   padding: 18px 20px;
111 }
112 .card-head{
113   text-align: center;
114   margin-bottom: 10px;
115 }
116 .card-head h3{
117   color: #166534;
118   font-weight: 700;
119   font-size: 1.1rem;
120 }
121 .kv-grid{
122   display: grid;
123   grid-template-columns: 180px 14px 1fr;
124   row-gap: 8px;
125   column-gap: 10px;
126 }
127 .kv-label{font-weight: 600}
128 .kv-colon{text-align: center; color: var(--muted)}
129 .kv-value{color: var(--text)}
130 .footer{
131   margin-top: 20px;
132   text-align: center;
133   color: var(--muted);
134 }
```

Ln 135, Col 1 Spaces: 4 UTF-8 CRLF CSS BLACKBOX Autocomplete: ON Go Live 19.43 05/10/2025

## Hasil Running Program

Screenshot of a web browser showing the "Form Pendaftaran Keanggotaan Lab - EAD Laboratory" page. The page contains fields for Name, Email, NIM, Jurusan (selected as "Pilih Jurusan"), and Alasan Bergabung, all of which are required (indicated by red validation messages). A green "Daftar" button is at the bottom.

The browser's address bar shows the URL: `localhost:8080/TP_MODUL1_FAZRA/index.php`.

The operating system taskbar at the bottom shows various application icons and the date: 05/10/2025.

Top browser tabs include: Dashboard, PRAK-S, STUDI K, MODUL, STUDI K, Git, Git, Pendaft..., fazr..., localho..., and others.

Bottom browser tabs include: S, IND, and others.

Form Fields:

- Nama: [Input Field] Nama wajib diisi
- Email: [Input Field] Email wajib diisi
- NIM: [Input Field] NIM wajib diisi
- Jurusan: [Dropdown] -- Pilih Jurusan -- Jurusan wajib dipilih
- Alasan Bergabung: [Text Area] Alasan wajib diisi

Bottom Buttons:

- Daftar (Green)

localhost:8080/TP\_MODUL1\_FAZRA/index.php

### Form Pendaftaran Keanggotaan Lab - EAD Laboratory

Data Pendaftaran Berhasil!

Nama:  
Pradipta M

Email:  
Pradiptam@gmail.com

NIM:  
102022400059

Jurusan:  
Sistem Informasi

Alasan Bergabung:  
Menyukai pemrograman berbasis web

**Daftar**

19.48 05/10/2025

localhost:8080/TP\_MODUL1\_FAZRA/index.php

NIM:  
102022400059

Jurusan:  
Sistem Informasi

Alasan Bergabung:  
Menyukai pemrograman berbasis web

**Daftar**

**Data Pendaftaran Berhasil**

Nama	:	Pradipta M
Email	:	Pradiptam@gmail.com
NIM	:	102022400059
Jurusan	:	Sistem Informasi
Alasan Bergabung	:	Menyukai pemrograman berbasis web

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