

LAPORAN PRAKTIKUM
WORKSHOP SISTEM INFORMASI BERBASIS DEKSTOP



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Perintah : Jelaskan alur dalam pembuatan Form Contact Us dan Registrasi menggunakan Bootstrap, HTML dan PHP

Alat dan Bahan : 1. Laptop
2. Xampp
3. Sublime Text 3

Penyelesaian :

1. Download file bootstrap pada link berikut : <https://startbootstrap.com/themes/sb-admin-2/>
2. Extract file kemudian ubah nama folder menjadi “web_bootstrap”
3. Copy folder bootstrap kedalam folder htdocs
4. Ubah nama file index.html menjadi index.php
5. Buka file index.php, lalu cut syntax pada baris 28-140, dan pindahkan ke file baru dengan nama sidebar.php



The diagram illustrates the process of extracting a sidebar component from an existing file. It consists of two code blocks connected by a large blue downward-pointing arrow. The top code block shows lines 28 through 37 of a file, containing HTML for a sidebar with a brand icon and text. The bottom code block shows lines 130 through 140, containing HTML for a divider and a sidebar toggler button. The arrow indicates that the code from the top block is being moved to the new file shown in the bottom block.

```
28 <!-- Sidebar -->
29 <ul class="navbar-nav bg-gradient-primary sidebar sidebar-dark accordion" id="accordionSidebar">
30
31 <!-- Sidebar - Brand -->
32 <a class="sidebar-brand d-flex align-items-center justify-content-center" href="index.html">
33 <div class="sidebar-brand-icon rotate-n-15">
34 <i class="fas fa-laugh-wink"></i>
35 </div>
36 <div class="sidebar-brand-text mx-3">SB Admin <sup>2</sup></div>
37 </a>

130 <!-- Divider -->
131 <hr class="sidebar-divider d-none d-md-block">
132
133 <!-- Sidebar Toggler (Sidebar) -->
134 <div class="text-center d-none d-md-inline">
135 <button class="rounded-circle border-0" id="sidebarToggle"></button>
136 </div>
137
138
139 </ul>
140 <!-- End of Sidebar -->
```

6. Tambahkan syntax berikut pada file index.php baris ke 28

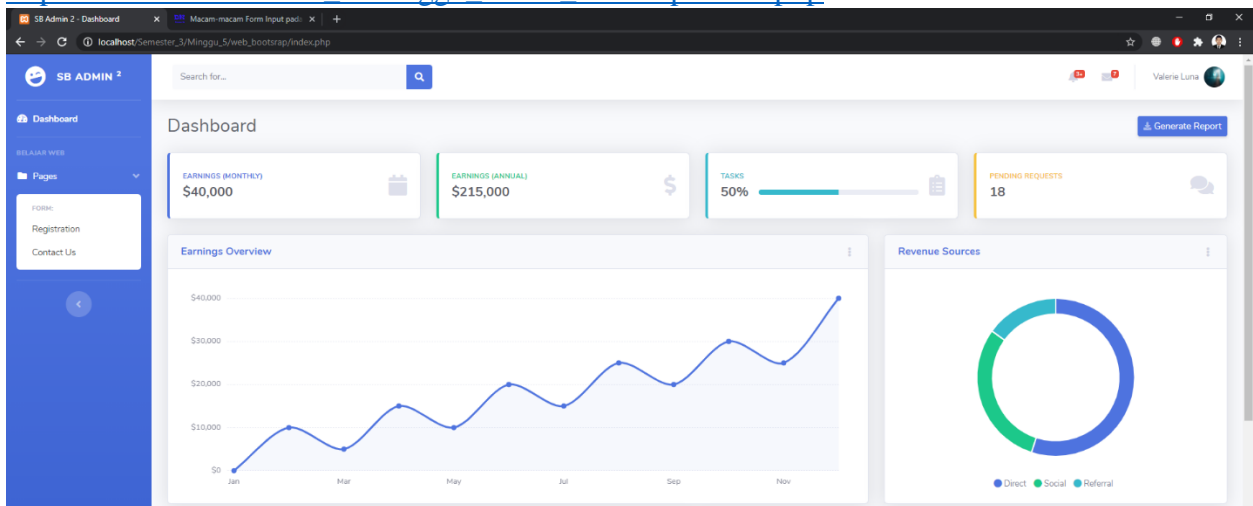
```
28 <?php include "../sidebar.php" ?>
```

7. Buka file sidebar.php, lalu ubah isi file menjadi seperti berikut ini:

```
1 <!-- Sidebar -->
2 <ul class="navbar-nav bg-gradient-primary sidebar sidebar-dark accordion" id="accordionSidebar">
3
4 <!-- Sidebar - Brand -->
5 <a class="sidebar-brand d-flex align-items-center justify-content-center" href="index.html">
6 <div class="sidebar-brand-icon rotate-n-15">
7 <i class="fas fa-laugh-wink"></i>
8 </div>
9 <div class="sidebar-brand-text mx-3">SB Admin <sup>2</sup></div>
10 </a>
11
12 <!-- Divider -->
13 <hr class="sidebar-divider my-0">
14
15 <!-- Nav Item - Dashboard -->
16 <li class="nav-item active">
17 <a class="nav-link" href="index.php">
18 <i class="fas fa-fw fa-tachometer-alt"></i>
19 <span>Dashboard</span></a>
20 </li>
21
22 <!-- Divider -->
23 <hr class="sidebar-divider">
24 <!-- Heading -->
25 <div class="sidebar-heading">
26 Belajar Web
27 </div>
28
29 <!-- Nav Item - Pages Collapse Menu -->
30 <li class="nav-item">
31 <a class="nav-link collapsed" href="#" data-toggle="collapse" data-target="#collapsePages" aria-expanded="true" aria-controls="collapsePages">
32 <i class="fas fa-fw fa-folder"></i>
33 <span>Pages</span>
34 </a>
35 <div id="collapsePages" class="collapse" aria-labelledby="headingPages" data-parent="#accordionSidebar">
36 <div class="bg-white py-2 collapse-inner rounded">
37 <h6 class="collapse-header">Form:</h6>
38 <a class="collapse-item" href="registration.php">Registration</a>
39 <a class="collapse-item" href="contact.php">Contact Us</a>
40 </div>
41 </div>
42 </li>
43
44 <!-- Divider -->
45 <hr class="sidebar-divider d-none d-md-block">
46
47 <!-- Sidebar Toggler (Sidebar) -->
48 <div class="text-center d-none d-md-inline">
49 <button class="rounded-circle border-0" id="sidebarToggle"></button>
50 </div>
51
52 </ul>
53 <!-- End of Sidebar -->
```

8. Maka akan didapatkan tampilan seperti berikut ini saat dibuka di web browser

http://localhost/Semester_3/Minggu_5/web_bootstrap/index.php



9. Buat file baru dengan nama contact.php, kemudian copy semua syntax yang ada pada file index.php
10. Hapus pada baris syntax ke 219-517



```
219 <!-- Begin Page Content -->
220 <div class="container-fluid">
221
222 <!-- Page Heading -->
223 <div class="d-sm-flex align-items-center justify-content-between mb-4">
224 <h1 class="h3 mb-0 text-gray-800">Dashboard</h1>
225 <a href="#" class="d-none d-sm-inline-block btn btn-sm btn-primary shadow-sm"><i class="fas fa-download fa-sm text-white-50"></i>
Generate Report</a>
226 </div>
227
228 <!-- Content Row -->
229 <div class="row">
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510 </div>
511 </div>
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513 </div>
514 </div>
515
516 </div>
517 <!-- /.container-fluid -->
```

11. Isi syntax pada baris 219 yang dihapus tadi dengan syntax sebagai berikut:

```
218
219 <!-- Begin Page Content -->
220 <div class="container-fluid">
221
222 <!-- Page Heading -->
223 <div class="d-sm-flex align-items-center justify-content-between mb-4">
224   <h1 class="h3 mb-0 text-gray-800">Contact Us</h1>
225 </div>
226
227 <!-- Content Row -->
228
229 <!-- Content Row -->
230
231 <div class="row">
232
233 <!-- Area Chart -->
234 <div class="col-xl-12 col-lg-7">
235   <div class="card shadow mb-4">
236     <!-- Card Header - Dropdown -->
237     <div class="card-header py-3 d-flex flex-row align-items-center justify-content-between">
238       <h6 class="m-0 font-weight-bold text-primary">Contact</h6>
239       <div class="dropdown no-arrow">
240         <a class="dropdown-toggle" href="#" role="button" id="dropdownMenuLink" data-toggle="dropdown" aria-haspopup="true"
241           aria-expanded="false">
242           <i class="fas fa-ellipsis-v fa-sm fa-fw text-gray-400"></i>
243         </a>
244       </div>
245     </div>
246     <!-- Card Body -->
247     <div class="card-body">
248       <form>
249         <div class="form-group">
250           <input type="text" class="form-control form-control-user" id="name" name="name" placeholder="Nama Anda" required>
251         </div>
252         <div class="form-group">
253           <input type="text" class="form-control form-control-user" id="subject" name="subject" placeholder="Subjek Pesan Anda"
254             required>
255         </div>
256         <div class="form-group">
257           <input type="email" class="form-control form-control-user" id="email" name="email" placeholder="Email Anda" require>
258         </div>
259         <button type="submit" class="btn btn-success" name="submit">Tambah</button>
260       </form>
261       <?php
262       $name = @$_GET['name'];
263       $subject = @$_GET['subject'];
264       $email = @$_GET['email'];
265       if ($name) {
266         echo "<br><br><strong>Nama:</strong> {$name} <br>";
267       }
268       if ($subject) {
269         echo "<strong>Subject:</strong> {$subject} <br>";
270       }
271       if ($email) {
272         echo "<strong>Email:</strong> {$email} <br>";
273       }
274     </div>
275   </div>
276 </div>
277
278 <!-- Pie Chart -->
279
280 </div>
281
282 </div>
283 <!-- /.container-fluid -->
```

12. Maka akan didapatkan tampilan seperti berikut ini saat dibuka di web browser

http://localhost/Semester_3/Minggu_5/web_bootstrap/contact.php

The screenshot shows a web browser window with the address bar displaying `localhost/Semester_3/Minggu_5/web_bootstrap/contact.php`. The page features a blue sidebar with the 'SB ADMIN 2' logo and navigation links for 'Dashboard' and 'Pages'. The main content area is titled 'Contact Us' and contains a 'Contact' form with three input fields: 'Nama Anda', 'Subjek Pesan Anda', and 'Email Anda'. A green 'Tambah' button is positioned below the 'Email Anda' field. The footer of the page reads 'Copyright © Your Website 2020'.

13. Lalu kita coba isikan form-form yang ada di menu registrasi ini, apakah sudah jalan sesuai harapan atau tidak

The screenshot shows the same web browser window after the form has been submitted. The 'Contact' form now displays the submitted data: 'Nama: Febri Putra Tris Budiono', 'Subject: Hello World!!!', and 'Email: febript@gmail.com'. The browser address bar shows the URL `localhost/Semester_3/Minggu_5/web_bootstrap/contact.php?name=Febri+Putra+Tris+Budiono&subject=Hello+World%21%21&email=febript@gmail.com&submit=`. The sidebar and footer remain the same as in the previous screenshot.

14. Lalu Langkah selanjutnya kita membuat form Registrasi, dengan cara kita membuat file baru lalu kita berinama registrasi.php pada folder yang sama dengan index.php
15. Setelah kita membuat file baru dengan nama registrasi.php, kita copykan semua syntax yang ada di file contact.php ke dalam file registrasi.php
16. Lalu kita edit inputan syntax pada file registrasi.php pada baris 248 – 260 dari seperti di gambar

```

248 <div class="card-body">
249   <form>
250     <div class="form-group">
251       <input type="text" class="form-control form-control-user" id="name" name="name" placeholder="Nama Anda" required>
252     </div>
253     <div class="form-group">
254       <input type="text" class="form-control form-control-user" id="subject" name="subject" placeholder="Subjek Pesan Anda"
255       required>
256     </div>
257     <div class="form-group">
258       <input type="email" class="form-control form-control-user" id="email" name="email" placeholder="Email Anda" require>
259     </div>
260     <button type="submit" class="btn btn-success" name="submit">Tambah</button>

```

Menjadi

```

248 <div class="card-body">
249   <form>
250     <div class="form-group">
251       <input type="text" class="form-control form-control-user" id="name" name="name" placeholder="Nama Anda" required>
252     </div>
253     <div class="form-group">
254       <input type="text" class="form-control form-control-user" id="username" name="username" placeholder="Username Anda"
255       required>
256     </div>
257     <div class="form-group">
258       <input type="email" class="form-control form-control-user" id="email" name="email" placeholder="Email Anda" require>
259     </div>
260     <div class="form-group">
261       <input type="password" class="form-control form-control-user" id="password" name="password" placeholder="Password Anda">
262     </div>
263     <div class="form-group">
264       <input type="radio" id="laki-laki" name="laki-laki"> Laki-Laki
265       <input type="radio" id="perempuan" name="perempuan"> Perempuan
266     </div>
267     <div class="form-group">
268       <select name="agama" class="form-control form-control-user">
269         <option value="not">--Agama--</option>
270         <option value="Islam">Islam</option>
271         <option value="Kristen Protestan">Kristen Protestan</option>
272         <option value="Kristen Katolik">Kristen Katolik</option>
273         <option value="Hindu">Hindu</option>
274         <option value="Buddha">Buddha</option>
275         <option value="Khonghucu">Khonghucu</option>
276       </select>
277     </div>
278     <div class="form-group">
279       <textarea class="form-control form-control-user" name="textarea" id="textarea" rows="3"></textarea>
280     </div>
281     <button type="submit" class="btn btn-success" name="submit">Tambah</button>

```

17. Langkah selanjutnya kita edit syntax untuk output an file registrasi.php, pada baris ke 261-278 dari seperti yang ada di gambar

```
261 <?php
262 $name = @$_GET['name'];
263 $subject = @$_GET['subject'];
264 $email = @$_GET['email'];
265 if ($name){
266     echo "<br><br><strong>Nama:</strong> {$name} <br>";
267 }
268
269 if ($subject){
270     echo "<strong>Subject:</strong> {$subject} <br>";
271 }
272
273 if ($email){
274     echo "<strong>Email:</strong> {$email} <br>";
275 }
276 ?>
277 </form>
278 </div>
```

Menjadi

```
282 <?php
283 $name = @$_GET['name'];
284 $username = @$_GET['username'];
285 $email = @$_GET['email'];
286 $password = @$_GET['password'];
287 $agama = @$_GET['agama'];
288 $textarea = @$_GET['textarea'];
289 if ($name){
290     echo "<br><br><strong>Nama:</strong> {$name} <br>";
291 }
292
293 if ($username){
294     echo "<strong>Username:</strong> {$username} <br>";
295 }
296
297 if ($email){
298     echo "<strong>Email:</strong> {$email} <br>";
299 }
300 if ($agama){
301     echo "<strong>Agama:</strong> {$agama} <br>";
302 }
303 if ($textarea){
304     echo "<strong>Biografi:</strong> {$textarea} <br>";
305 }
306 ?>
307 </form>
308 </div>
```

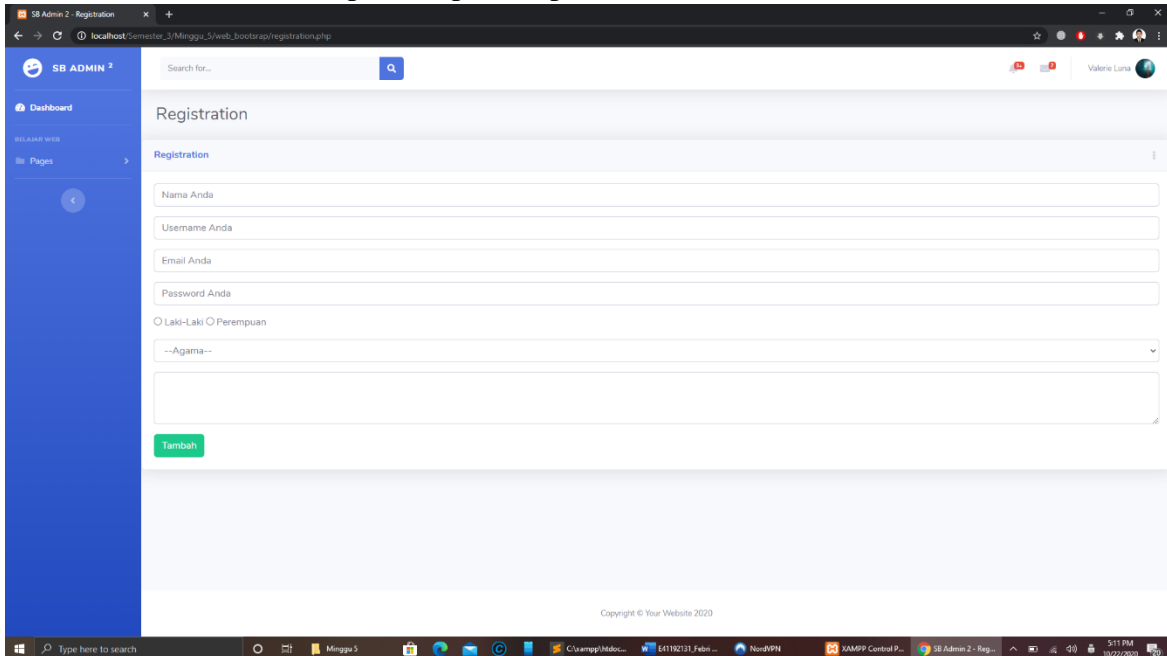
Fungsi **echo()** pada php adalah fungsi untuk menampilkan teks ke layar.

\$_GET pada php berfungsi membuat data agar bisa ditampilkan dalam file action (file tujuan).

18. Lalu Langkah selanjutnya kita coba jalankan file index.php nya di web browser
http://localhost/Semester_3/Minggu_5/web_bootstrap/index.php

19. Lalu kita langsung masuk ke halaman registrasi pada menu yang ada di sidebar

20. Jika sudah maka akan didapati tampilan seperti ini



21. Lalu kita coba isikan form-form yang ada di menu registrasi ini, apakah sudah jalan sesuai harapan atau tidak

