



UNIVERSITAS PELITA BANGSA

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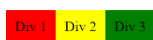
Langkah-langkah PRAKTIKUM 4

1. Persiapan membuat dokumen HTML dengan nama file lab4_box.html, lalu membuat Box Element Kemudian tambahkan kode untuk membuat box element dengan tag dan Selanjutnya tambahkan deklarasi CSS pada head untuk membuat float element, seperti berikut.

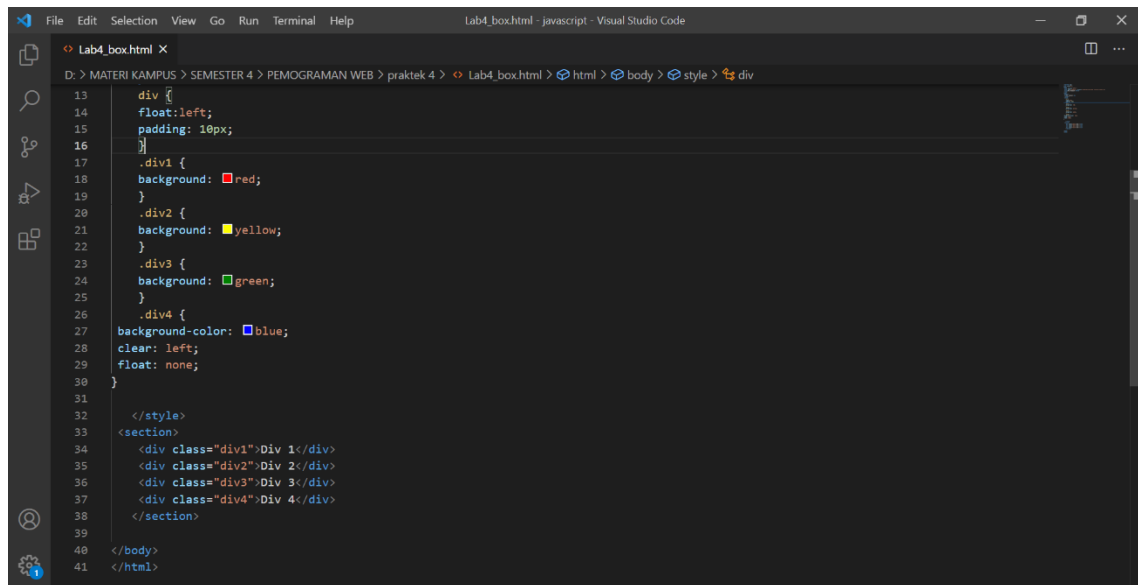
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Box Element</title>
7 </head>
8 <body>
9   <header>
10    <h1>Box Element</h1>
11  </header>
12  <style>
13    .div1 {
14      float:left;
15      padding: 10px;
16    }
17    .div1 {
18      background: red;
19    }
20    .div2 {
21      background: yellow;
22    }
23    .div3 {
24      background: green;
25    }
26  </style>
27  <section>
28    <div class="div1">Div 1</div>
29    <div class="div2">Div 2</div>
30    <div class="div3">Div 3</div>
```



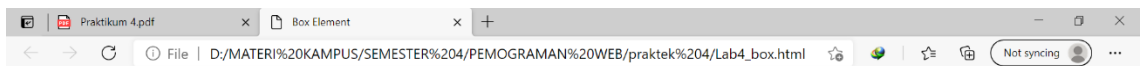
Box Element



2. Mengatur Clearfix Element Clearfix digunakan untuk mengatur element setelah float element. Property clear digunakan untuk mengaturnya. Tambahkan element div lainnya setelah div3 dan Kemudian atur property clear pada CSS, seperti berikut.



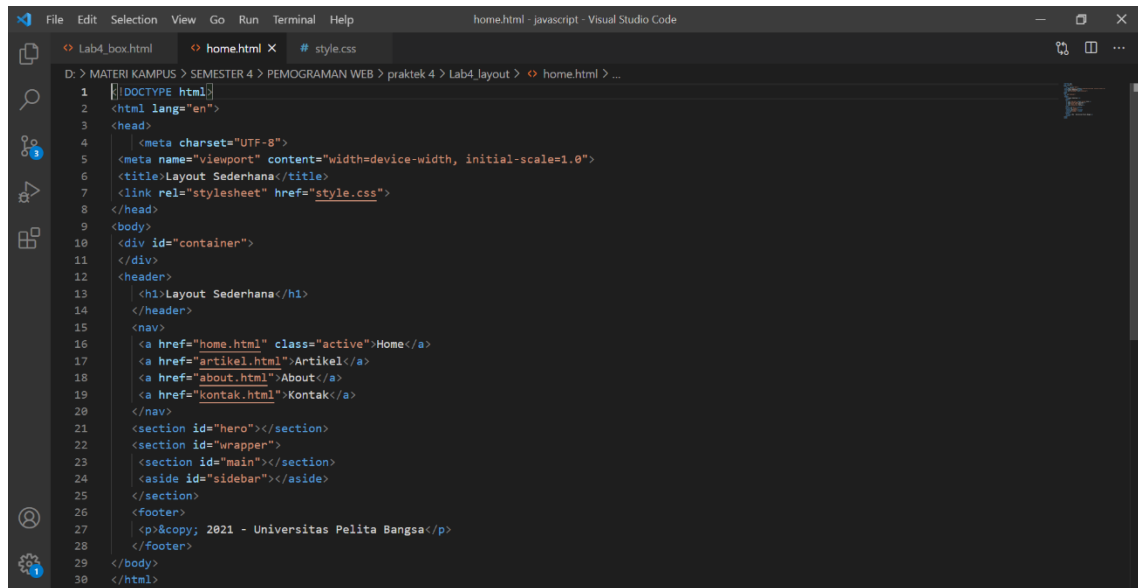
```
13  div {
14    float: left;
15    padding: 10px;
16  }
17  .div1 {
18    background: red;
19  }
20  .div2 {
21    background: yellow;
22  }
23  .div3 {
24    background: green;
25  }
26  .div4 {
27    background-color: blue;
28    clear: left;
29    float: none;
30  }
31
32  </style>
33  <section>
34    <div class="div1">Div 1</div>
35    <div class="div2">Div 2</div>
36    <div class="div3">Div 3</div>
37    <div class="div4">Div 4</div>
38  </section>
39
40 </body>
41 </html>
```



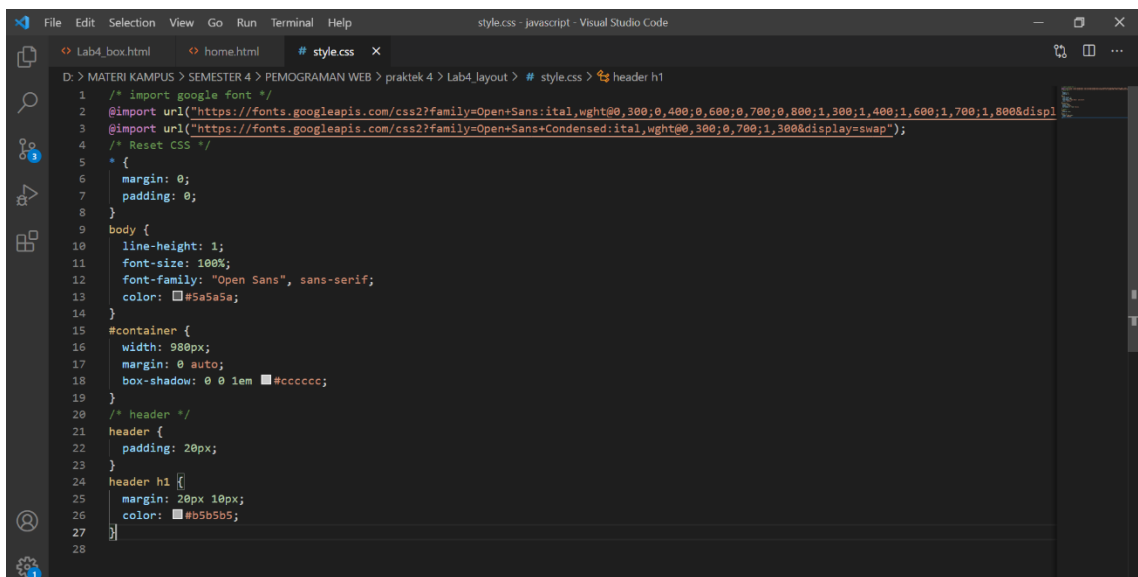
Box Element



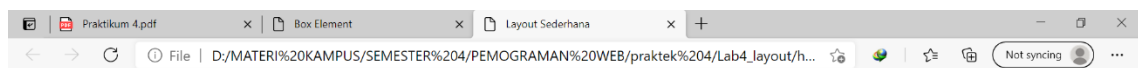
3. Buat folder baru dengan nama **lab4_layout**, kemudian buatlah file baru didalamnya dengan nama **home.html**, dan file css dengan nama **style.css**.



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Layout Sederhana</title>
7   <link rel="stylesheet" href="style.css">
8 </head>
9 <body>
10  <div id="container">
11  </div>
12  <header>
13    <h1>Layout Sederhana</h1>
14  </header>
15  <nav>
16    <a href="home.html" class="active">Home</a>
17    <a href="artikel.html">Artikel</a>
18    <a href="about.html">About</a>
19    <a href="kontak.html">Kontak</a>
20  </nav>
21  <section id="hero"></section>
22  <section id="wrapper">
23    <section id="main"></section>
24    <aside id="sidebar"></aside>
25  </section>
26  <footer>
27    <p>&copy; 2021 - Universitas Pelita Bangsa</p>
28  </footer>
29 </body>
30 </html>
```



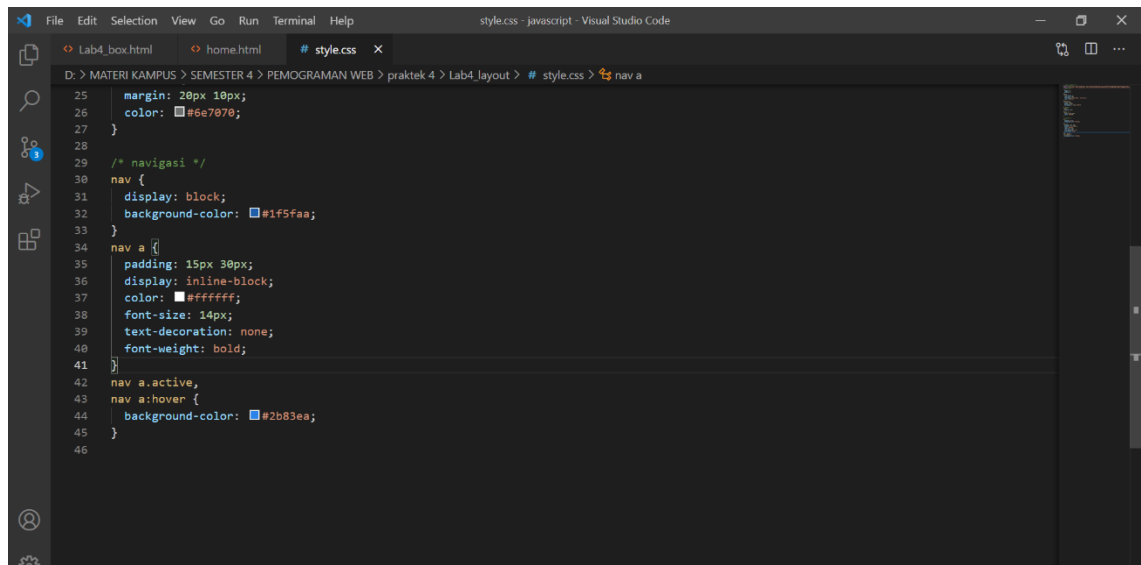
```
1 /* import google font */
2 @import url("https://fonts.googleapis.com/css2?family=Open+Sans:ital,wght@0,300;0,400;0,600;0,700;0,800;1,300;1,400;1,600;1,700;1,800&display=swap");
3 @import url("https://fonts.googleapis.com/css2?family=Open+Sans+Condensed:ital,wght@0,300;0,700;1,300&display=swap");
4 /* Reset CSS */
5 * {
6   margin: 0;
7   padding: 0;
8 }
9 body {
10   line-height: 1;
11   font-size: 100%;
12   font-family: "Open Sans", sans-serif;
13   color: #5a5a5a;
14 }
15 #container {
16   width: 980px;
17   margin: 0 auto;
18   box-shadow: 0 0 1em #cccccc;
19 }
20 /* header */
21 header {
22   padding: 20px;
23 }
24 header h1 {
25   margin: 20px 10px;
26   color: #05b5b5;
27 }
28
```



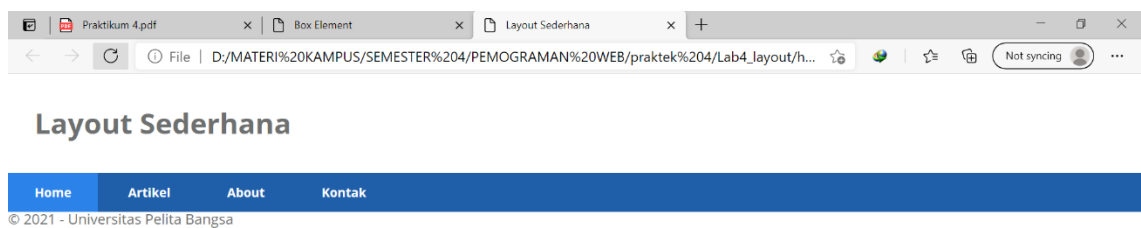
Layout Sederhana

[Home](#) [Artikel](#) [About](#) [Kontak](#)
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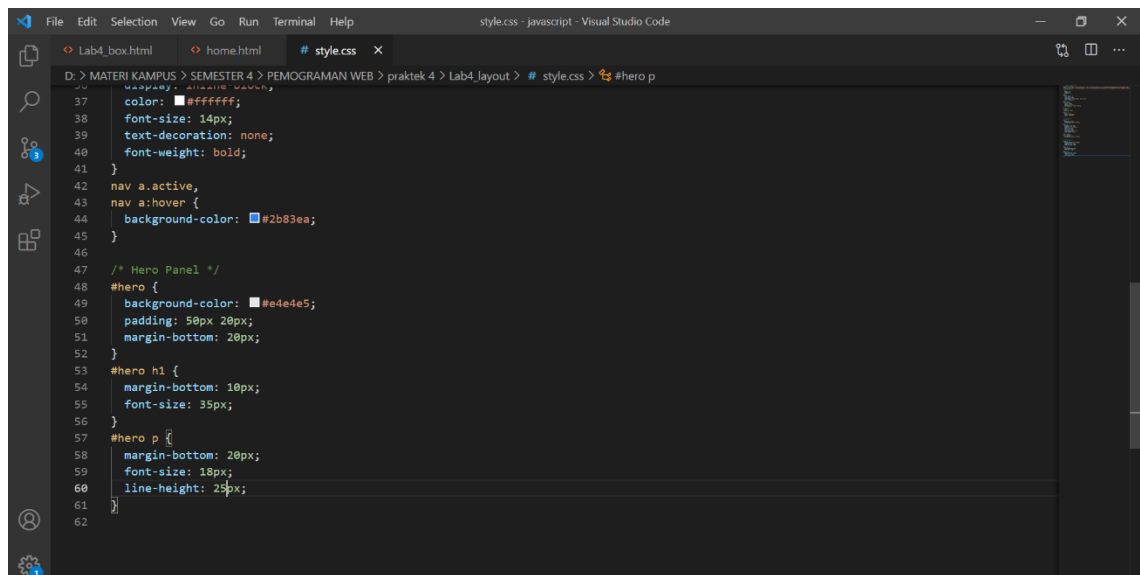
4. Membuat Navigasi Kemudian selanjutnya mengatur navigasi.



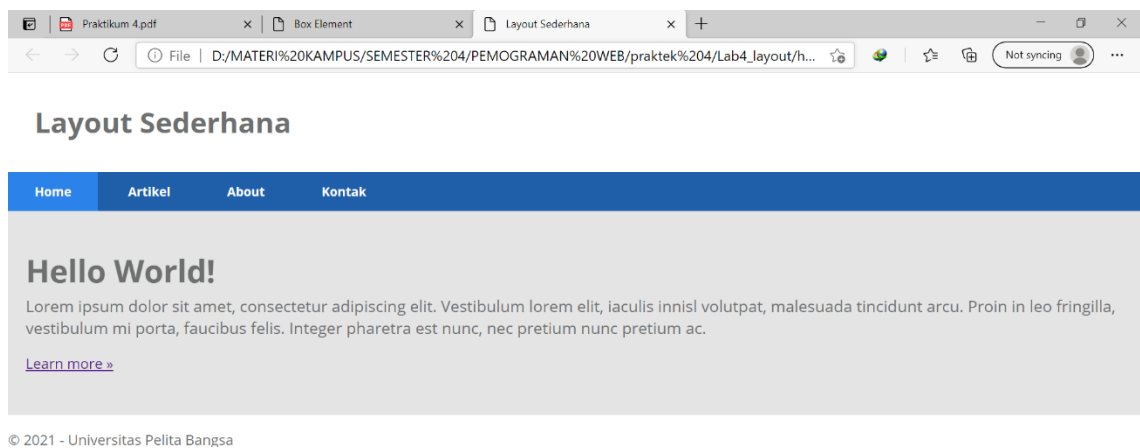
```
25 margin: 20px 10px;
26 color: #e67e70;
27 }
28
29 /* navigasi */
30 nav {
31   display: block;
32   background-color: #1f5faa;
33 }
34 nav a {
35   padding: 15px 30px;
36   display: inline-block;
37   color: #ffffff;
38   font-size: 14px;
39   text-decoration: none;
40   font-weight: bold;
41 }
42 nav a.active,
43 nav a:hover {
44   background-color: #2b83ea;
45 }
46
```



5. Membuat Hero Panel. Selanjutnya membuat hero panel. Tambahkan kode HTML dan CSS seperti berikut



```
37 color: #ffffff;
38 font-size: 14px;
39 text-decoration: none;
40 font-weight: bold;
41 }
42 nav a.active,
43 nav a:hover {
44 background-color: #2b83ea;
45 }
46
47 /* Hero Panel */
48 #hero {
49 background-color: #e4e4e5;
50 padding: 50px 20px;
51 margin-bottom: 20px;
52 }
53 #hero h1 {
54 margin-bottom: 10px;
55 font-size: 35px;
56 }
57 #hero p {
58 margin-bottom: 20px;
59 font-size: 18px;
60 line-height: 25px;
61 }
62 }
```



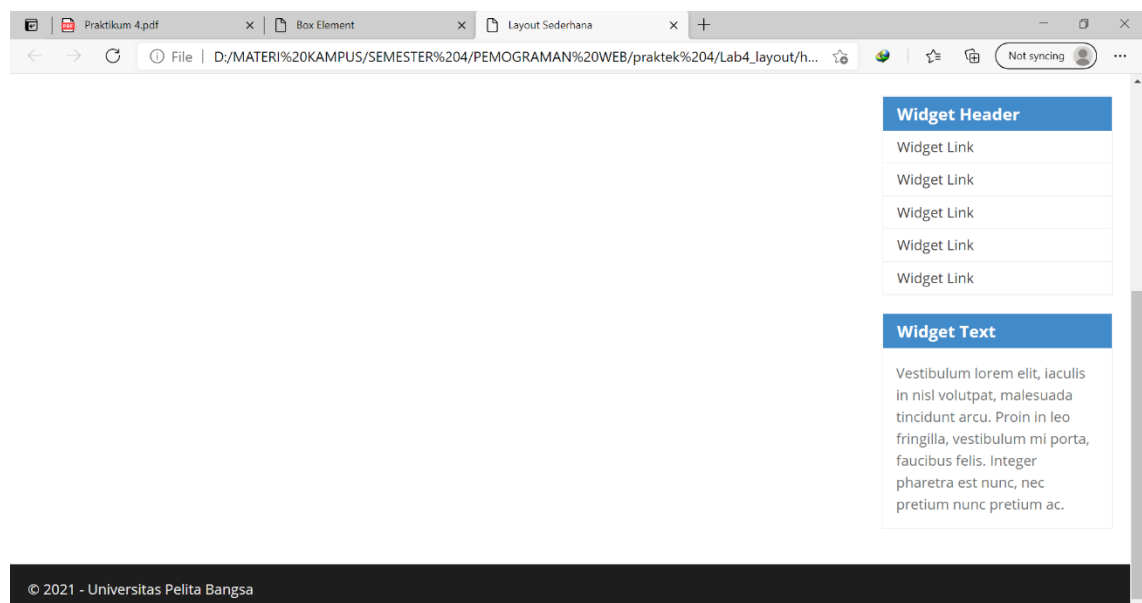
6. Mengatur Layout Main dan Sidebar Selanjutnya mengatur main content dan sidebar, tambahkan CSS float

```
File Edit Selection View Go Run Terminal Help
home.html - javascript - Visual Studio Code

D: > MATERI KAMPUS > SEMESTER 4 > PEMOGRAMAN WEB > praktik 4 > Lab4.layout > home.html > html > body > section#wrapper > section#main
25 vestibulum mi porta, faucibus felis. Integer pharetra est nunc, nec pretium nunc
26 pretium ac.</p>
27 <a href="home.html" class="btn btn-large">Learn more &raquo;</a>
28 </section>
29 <footer>
30 <p>&copy; 2021 - Universitas Pelita Bangsa</p>
31 </footer>
32 <aside id="sidebar">
33 <div class="widget-box">
34 <h3 class="title">Widget Header</h3>
35 <ul>
36 <li><a href="#">Widget Link</a></li>
37 <li><a href="#">Widget Link</a></li>
38 <li><a href="#">Widget Link</a></li>
39 <li><a href="#">Widget Link</a></li>
40 <li><a href="#">Widget Link</a></li>
41 </ul>
42 </div>
43 <div class="widget-box">
44 <h3 class="title">Widget Text</h3>
45 <p>Vestibulum lorem elit, iaculis in nisl volutpat, malesuada tincidunt
46 arcu. Proin in leo fringilla, vestibulum mi porta, faucibus felis. Integer
47 pharetra est nunc, nec pretium nunc pretium ac.</p>
48 </div>
49 </aside>
50 <section id="wrapper">
51 <div>
52 <div>
53 <div>
54 </div>
```

```
File Edit Selection View Go Run Terminal Help
style.css - javascript - Visual Studio Code

D: > MATERI KAMPUS > SEMESTER 4 > PEMOGRAMAN WEB > praktik 4 > Lab4.layout > # style.css > #sidebar
72 /* sidebar area */
73 #sidebar {
74 float: right;
75 width: 260px;
76 padding: 20px;
77 }
78
79 /* widget */
80 .widget-box {
81 border: 1px solid #eee;
82 margin-bottom: 20px;
83 }
84 .widget-box .title {
85 padding: 10px 16px;
86 background-color: #428bca;
87 color: #fff;
88 }
89 .widget-box ul {
90 list-style-type: none;
91 }
92 .widget-box li {
93 border-bottom: 1px solid #eee;
94 }
95 .widget-box li a {
96 padding: 10px 16px;
97 color: #333;
98 display: block;
99 text-decoration: none;
100 }
101 .widget-box li:hover a {
```

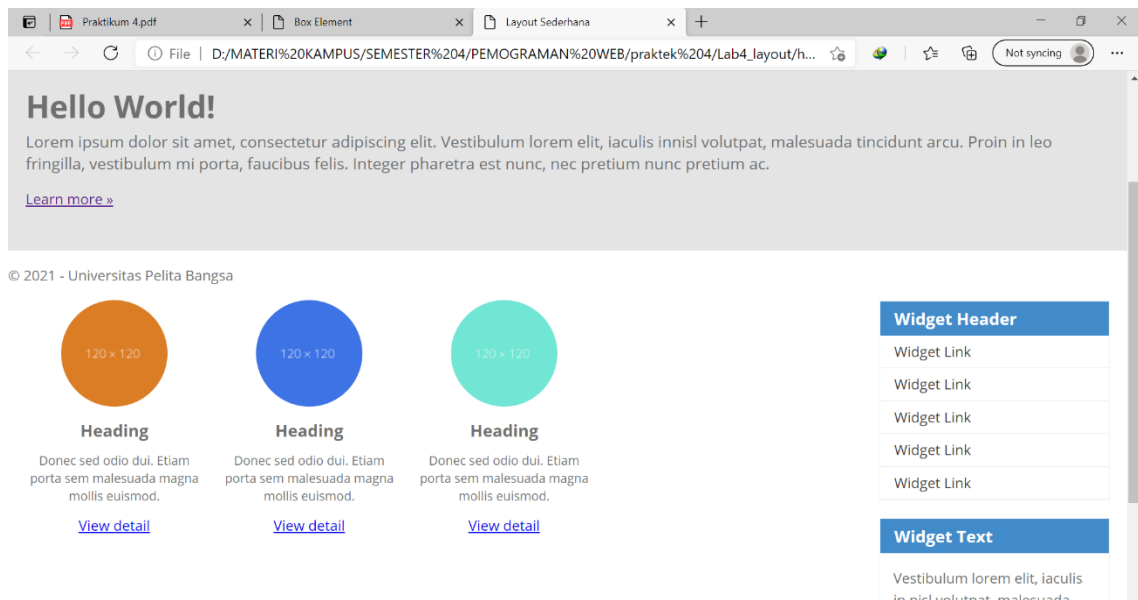


7. Menambahkan Elemen lainnya pada Main Content dan Kemudian tambahkan CSS

```
File Edit Selection View Go Run Terminal Help home.html - javascript - Visual Studio Code
D: > MATERI KAMPUS > SEMESTER 4 > PEMOGGRAMAN WEB > praktek 4 > Lab4_layout > home.html > body > section#wrapper
46 arcu. Proin in leo fringilla, vestibulum mi porta, faucibus felis. Integer
47 pharetra est nunc, nec pretium nunc pretium ac.</p>
48 </div>
49 </aside>
50 <section id="main">
51 <div class="row">
52 <div class="box">
53 
55 <h3>Heading</h3>
56 <p>Donec sed odio dui. Etiam porta sem malesuada magna mollis
57 euismod.</p>
58 <a href="#" class="btn btn-default">View detail</a>
59 </div>
60 <div class="box">
61 
63 <h3>Heading</h3>
64 <p>Donec sed odio dui. Etiam porta sem malesuada magna mollis
65 euismod.</p>
66 <a href="#" class="btn btn-default">View detail</a>
67 </div>
68 <div class="box">
69 
71 <h3>Heading</h3>
72 <p>Donec sed odio dui. Etiam porta sem malesuada magna mollis
73 euismod.</p>
74 <a href="#" class="btn btn-default">View detail</a>
75 </div>
```

```
File Edit Selection View Go Run Terminal Help style.css - javascript - Visual Studio Code
D: > MATERI KAMPUS > SEMESTER 4 > PEMOGGRAMAN WEB > praktek 4 > Lab4_layout > # style.css > row:after
109 /* box */
110 .box {
111   display: block;
112   float: left;
113   width: 33.333333%;
114   box-sizing: border-box;
115   -moz-box-sizing: border-box;
116   -webkit-box-sizing: border-box;
117   padding: 0 10px;
118   text-align: center;
119 }
120 .box h3 {
121   margin: 15px 0;
122 }
123 .box p {
124   line-height: 20px;
125   font-size: 14px;
126   margin-bottom: 15px;
127 }
128 .box img {
129   border: 0;
130   vertical-align: middle;
131 }
132 .image-circle {
133   border-radius: 50%;
134 }
135 .row {
136   margin: 0 -10px;
137   box-sizing: border-box;
138   -moz-box-sizing: border-box;
```

```
File Edit Selection View Go Run Terminal Help style.css - javascript - Visual Studio Code
D: > MATERI KAMPUS > SEMESTER 4 > PEMOGGRAMAN WEB > praktek 4 > Lab4_layout > # style.css > row:after
129   border: 0;
130   vertical-align: middle;
131 }
132 .image-circle {
133   border-radius: 50%;
134 }
135 .row {
136   margin: 0 -10px;
137   box-sizing: border-box;
138   -moz-box-sizing: border-box;
139   -webkit-box-sizing: border-box;
140 }
141 .row:after,
142 .row:before,
143 .entry:after,
144 .entry:before {
145   content: "";
146   display: table;
147 }
148 .row:after,
149 .entry:after {
150   clear: both;
151 }
152
```



8. Menambahkan Content Artikel Selanjutnya membuat content artikel. Tambahkan HTML berikut pada main content Kemudian tambahkan CSS.

```

72 <p>Donec sed odio dui. Etiam porta sem malesuada magna mollis
73 euismod.</p>
74 <a href="#" class="btn btn-default">View detail</a>
75 </div>
76 </div>
77 <hr class="divider" />
78 <article class="entry">
79 <h2>First featurette heading.</h2>
80 
81 <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum lorem
82 elit, iaculis in nisl volutpat, malesuada tincidunt arcu. Proin in leo fringilla,
83 vestibulum mi porta, faucibus felis. Integer pharetra est nunc, nec pretium nunc
84 pretium ac.</p>
85 </article>
86 <hr class="divider" />
87 <article class="entry">
88 <h2>First featurette heading.</h2>
89 
91 <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum lorem
92 elit, iaculis in nisl volutpat, malesuada tincidunt arcu. Proin in leo fringilla,
93 vestibulum mi porta, faucibus felis. Integer pharetra est nunc, nec pretium nunc
94 pretium ac.</p>
95 </article>
96 </section>
97 <section id="wrapper"></section>
98
99 </body>
100 </html>

```

```

148 .row:after,
149 .entry:after {
150   clear: both;
151 }
152
153 .divider {
154   border: 0;
155   border-top: 1px solid #eeeeee;
156   margin: 40px 0;
157 }
158 /* entry */
159 .entry {
160   margin: 15px 0;
161 }
162 .entry h2 {
163   margin-bottom: 20px;
164 }
165 .entry p {
166   line-height: 25px;
167 }
168 .entry img {
169   float: left;
170   border-radius: 5px;
171   margin-right: 15px;
172 }
173 .entry .right-img {
174   float: right;
175 }
176

```