



CSF3133 Web-Based Interface Design

Lab Module 5

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Kumpulan: K4

Nama Pensyarah: Assoc. Prof. Ts. Dr. Wan Nural Jawahir

Tarikh: 22/11/2025

5.3 Inline CSS



5.4 Internal CSS



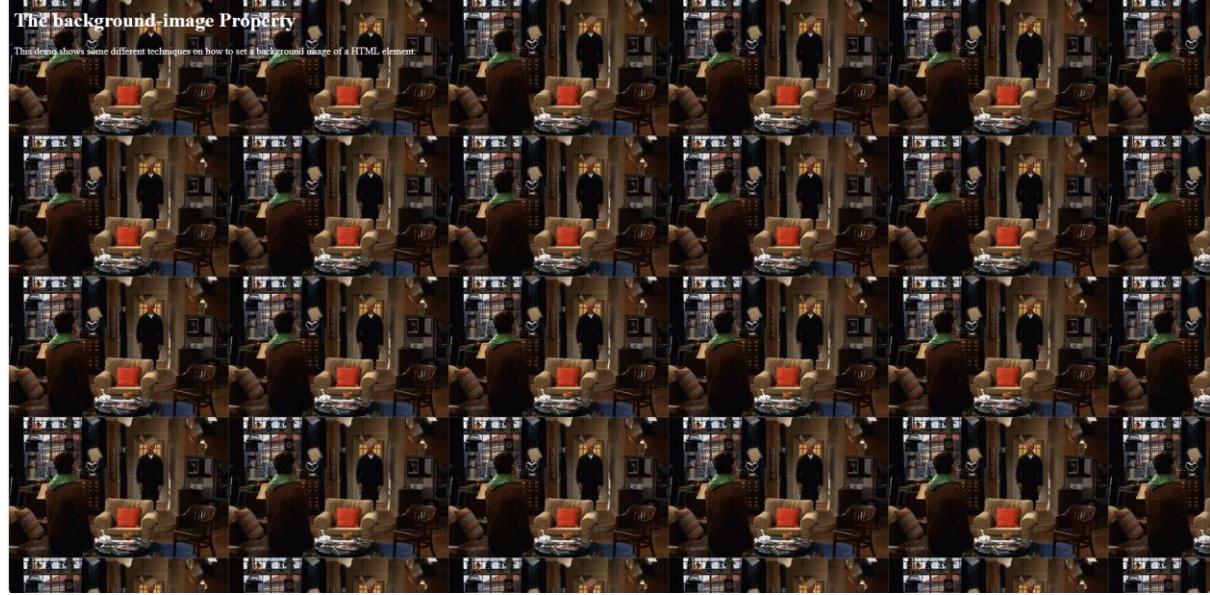
5.5 External CSS

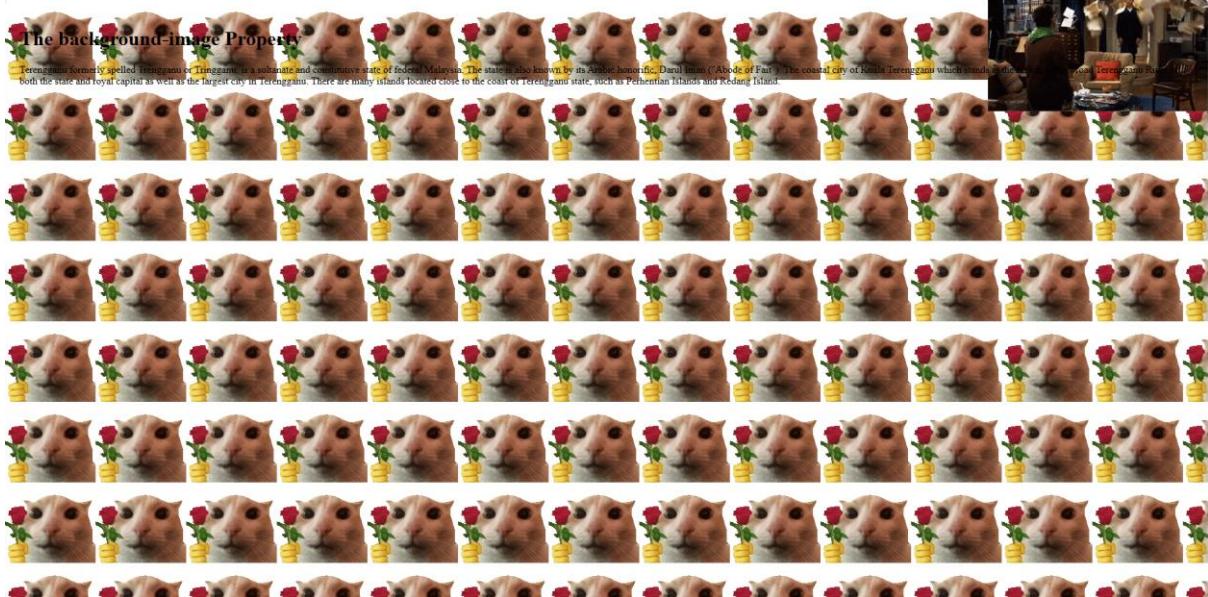
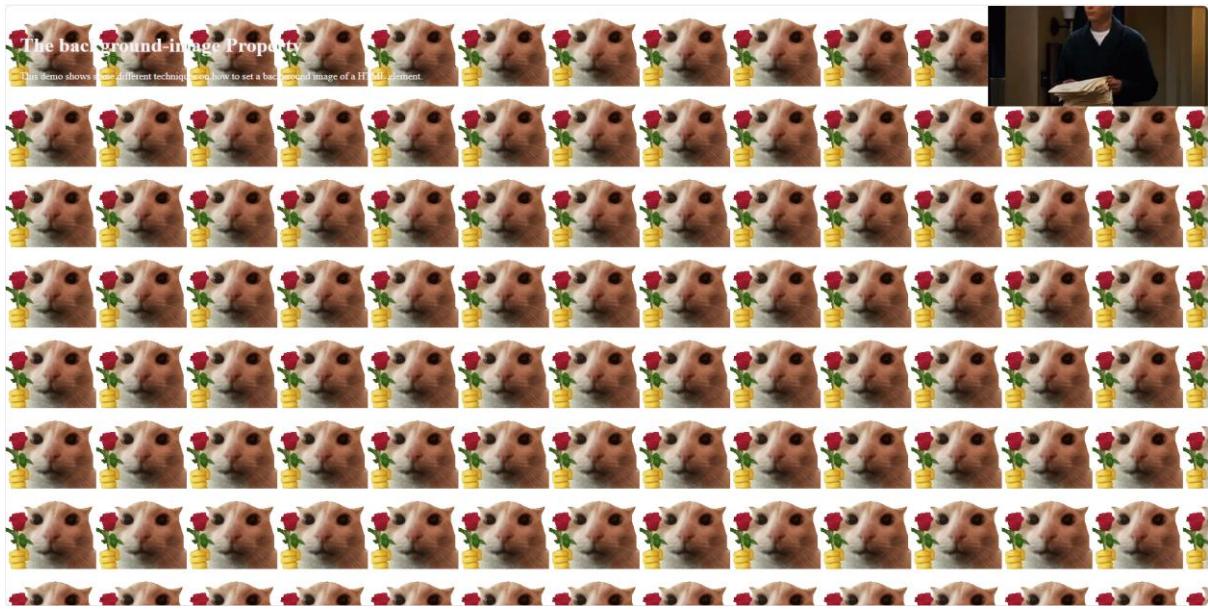


5.6 Link



5.7 Background Image



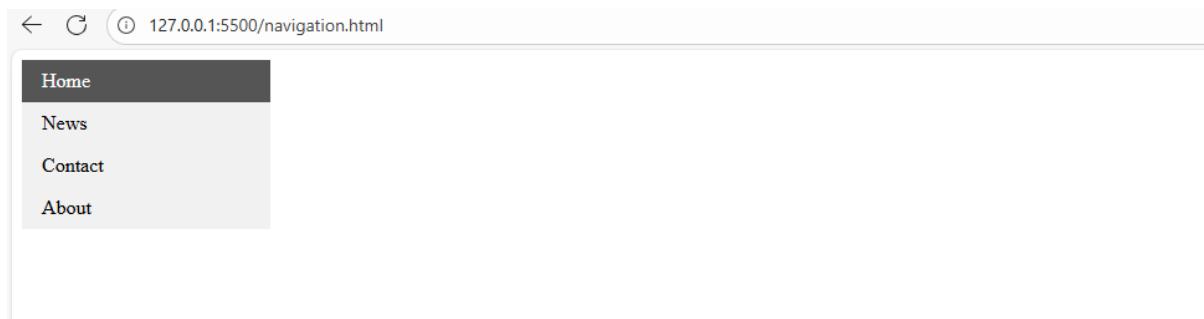


5.8 CSS TABLE

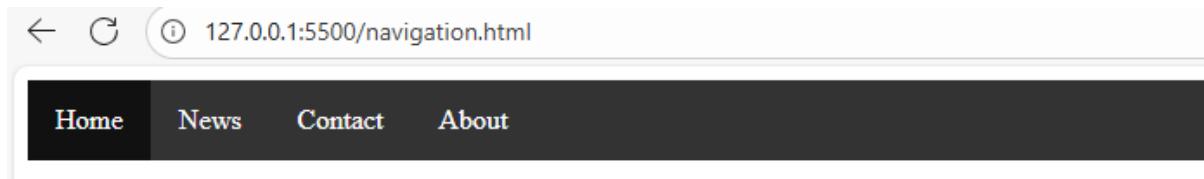
COMPANY	COMPANY	COMPANY
Alfreds Futterkiste	Maria Anders	Germany
Ernst Handel	Roland Mendel	Australia
Island Trading	Helen Bennett	UK
Magazzini Riuniti	Giovanni Rovelli	Italy

5.9 Navigation Bar

1.



2.



Lab Exercise

Code:

HTML:

```
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>UMT WISE</title>
8      <link rel="stylesheet" href="umt.css">
9      <link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;500&display=swap" rel="stylesheet">
0  </head>
1
2  <body>
3
4
5      <!-- Header Banner with Logo -->
6      <div class="header-banner">
7          
8      </div>
9
0      <!-- Main Navigation -->
1      <header>
2          <div class="container header-container">
3              <div class="logo">
4                  
5              </div>
6
7              <nav>
8                  <ul>
9                      <li class="dropdown">
0                          <a href="#">About UMT ▾</a>
1                          <ul class="dropdown-menu">
2                              <li><a href="#">History</a></li>
3                              <li><a href="#">Leadership</a></li>
4                              <li><a href="#">UMT Facts</a></li>
5
6                      </ul>
7                  </li>
8              </ul>
9          </nav>
0      </header>
1
2
```

```

<li class="dropdown">
    <a href="#">study ▾</a>
    <ul class="dropdown-menu">
        <li><a href="#">Undergraduate</a></li>
        <li><a href="#">Postgraduate</a></li>
        <li><a href="#">International Students</a></li>
    </ul>
</li>

<li class="dropdown">
    <a href="#">Research ▾</a>
    <ul class="dropdown-menu">
        <li><a href="#">Institutes</a></li>
        <li><a href="#">Publications</a></li>
        <li><a href="#">Grants</a></li>
    </ul>
</li>

<li class="dropdown">
    <a href="#">Student & Campus Life ▾</a>
    <ul class="dropdown-menu">
        <li><a href="#">Hostel</a></li>
        <li><a href="#">Clubs & Activities</a></li>
        <li><a href="#">Campus Facilities</a></li>
    </ul>
</li>

    <li><a href="#">Contact Us</a></li>
</ul>
</nav>
</div>

```

```

9 </header>
0
1 <!-- Hero Section -->
2 <section class="hero">
3     <div class="container hero-content">
4         
5
6         <div class="hero-text-box">
7             <h1>World Class Intellectuals, Scholars & Experts</h1>
8             <span class="tagline">"Connecting the best minds"</span>
9             <p>Connecting you to leading academics in marine science and related fields.<br>
0                 Explore collaborations and engage with our experts.</p>
1             <button>Find an Expert</button>
2         </div>
3     </div>
4 </section>
5
6 <!-- Niche Areas Section -->
7 <section class="niche-areas">
8     <div class="container">
9         <h2>Our Niche Areas of Expertise</h2>
0         <p>From marine science and aquatic resources to social innovation, UMT leads research that makes a real
1             impact.</p>
2
3         
4     </div>
5 </section>
6

```

```

97     |     <!-- Experts Table Section -->
98     |     <section class="experts-table">
99         |         <div class="container">
100            |             <h2>Featured Experts & Research Areas</h2>
101            |             <p>Connect with our leading researchers and academics</p>
102
103            |             <table>
104                |                 <thead>
105                    |                     <tr>
106                        |                         <th>Name</th>
107                        |                         <th>Position</th>
108                        |                         <th>Research Area</th>
109                        |                         <th>Faculty</th>
110                        |                         <th>Contact</th>
111                    |                     </tr>
112                |                 </thead>
113                |                 <tbody>
114                    |                     <tr>
115                        |                         <td>Dr. Ahmad Hassan</td>
116                        |                         <td>Professor</td>
117                        |                         <td>Marine Biology</td>
118                        |                         <td>Faculty of Science & Marine Environment</td>
119                        |                         <td>ahmad@umt.edu.my</td>
120                    |                     </tr>
121                    |                     <tr>
122                        |                         <td>Dr. Siti Nurhaliza</td>
123                        |                         <td>Associate Professor</td>
124                        |                         <td>Aquaculture Technology</td>
125                        |                         <td>Faculty of Fisheries & Food Science</td>
126                        |                         <td>siti.n@umt.edu.my</td>
127                    |                     </tr>
128
129                    |                     <tr>
130                        |                         <td>Dr. Lim Wei Ming</td>
131                        |                         <td>Senior Lecturer</td>
132                        |                         <td>Marine Engineering</td>
133                        |                         <td>Faculty of Ocean Engineering</td>
134                        |                         <td>lim.wm@umt.edu.my</td>
135                    |                     </tr>
136                    |                     <tr>
137                        |                         <td>Dr. Fatimah Abdullah</td>
138                        |                         <td>Professor</td>
139                        |                         <td>Environmental Chemistry</td>
140                        |                         <td>Faculty of Science & Marine Environment</td>
141                        |                         <td>fatimah@umt.edu.my</td>
142                    |                     </tr>
143                    |                     <tr>
144                        |                         <td>Dr. Rajesh Kumar</td>
145                        |                         <td>Associate Professor</td>
146                        |                         <td>Coastal Management</td>
147                        |                         <td>Institute of Oceanography</td>
148                        |                         <td>rajesh.k@umt.edu.my</td>
149                    |                     </tr>
150                    |                     <tr>
151                        |                         <td>Dr. Nurul Huda</td>
152                        |                         <td>Senior Lecturer</td>
153                        |                         <td>Marine Biotechnology</td>
154                        |                         <td>Faculty of Science & Marine Environment</td>
155                        |                         <td>nurul.h@umt.edu.my</td>
156                    |                     </tr>
157                |                 </tbody>
158            |             </div>
159        |         </section>

```

```

161 <!-- Commitment section -->
162 <section class="commitment">
163   <div class="container">
164     <h2>Our Commitment to Sustainable Development Goals (SDG)</h2>
165     <p>UMT proudly supports the United Nations Sustainable Development Goals (SDGs) through impactful research, innovative education, and community outreach. Our academic community is committed to creating solutions that address global and local challenges, from advancing marine conservation to building a better future for all.</p>
166     <button>View SDG - UMT in Scopus</button>
167   </div>
168 </section>
169
170 <!-- Footer -->
171 <footer>
172   <div class="container">
173     <p><strong>Universiti Malaysia Terengganu</strong></p>
174     <p>Jalan Sultan Zainal Abidin, Kuala Terengganu, Malaysia</p>
175     <p>Email: info@umt.edu.my | Phone: +609-668 8000</p>
176     <p style="margin-top: 15px; font-style: italic; color: #ffcc00;">
177       "Terokaan Seluas Lautan, Demi Kelestarian Sejagat | Ocean of Discoveries for Global Sustainability"
178     </p>
179     <div class="social-icons">
180       <a href="#">Facebook</a>
181       <a href="#">Twitter</a>
182       <a href="#">Instagram</a>
183     </div>
184   </div>
185 </footer>
186
187 </body>
188
189 </html>
190
191
192

```

CSS:

```

1  /* Global styles */
2  * {
3    margin: 0;
4    padding: 0;
5    box-sizing: border-box;
6  }
7
8  body {
9    font-family: "Roboto", sans-serif;
10   background: #f9fbff;
11   color: #333;
12 }
13
14 .container {
15   width: 90%;
16   max-width: 1300px;
17   margin: auto;
18 }
19
20
21 /* Header with Full Banner */
22 .header-banner {
23   background: #3d2378;
24   padding: 0;
25 }
26
27 .header-banner img {
28   width: 199.672px;
29   height: 49.9062px;
30   display: block;
31 }

```

```
33  /* Main Header / Navbar */
34  header {
35      background: #3d2378;
36      padding: 15px 0;
37      position: sticky;
38      top: 0;
39      z-index: 1000;
40      box-shadow: 0 2px 10px rgba(0,0,0,0.1);
41  }
42
43  .header-container {
44      display: flex;
45      justify-content: space-between;
46      align-items: center;
47  }
48
49  .logo img {
50      height: 60px;
51      width: auto;
52  }
53
54  nav ul {
55      list-style: none;
56      display: flex;
57      gap: 25px;
58      margin: 0;
59      padding: 0;
60  }
61
62  nav ul li a {
63      text-decoration: none;
64      color: white;
65      font-weight: 500;
66      padding: 8px 12px;
67      transition: all 0.3s ease;
68  }
69
```

```
70  nav ul li a:hover {
71  |   color: #ffcc00;
72  }
73
74  /* Dropdown Menu */
75  < .dropdown {
76  |   position: relative;
77  }
78
79  < .dropdown > a {
80  |   cursor: pointer;
81  }
82
83  < .dropdown-menu {
84  |   display: none;
85  |   position: absolute;
86  |   background: white;
87  |   min-width: 200px;
88  |   top: 40px;
89  |   left: 0;
90  |   border-radius: 8px;
91  |   box-shadow: 0 4px 15px rgba(0,0,0,0.2);
92  |   overflow: hidden;
93  |   z-index: 1001;
94  |   list-style: none;
95  |   padding: 0;
96  |   margin: 0;
97  }
98
99  < .dropdown-menu li {
100 |   border-bottom: 1px solid #f0f0f0;
101 |   list-style: none;
102 |   margin: 0;
103 |   padding: 0;
104 }
```

```
106 .dropdown-menu li:last-child {  
107   border-bottom: none;  
108 }  
109  
110 .dropdown-menu li a {  
111   display: block;  
112   padding: 12px 20px;  
113   color: #3d2378 !important;  
114   text-decoration: none;  
115   transition: background 0.3s ease, color 0.3s ease;  
116   cursor: pointer;  
117   width: 100%;  
118   box-sizing: border-box;  
119 }  
120  
121 .dropdown-menu li a:hover {  
122   background: #f5f2ff !important;  
123   color: #ff8533 !important;  
124 }  
125  
126 .dropdown:hover .dropdown-menu {  
127   display: block;  
128 }  
129
```

```
131  /* Hero Section */
132  .hero {
133      background: #3d2378;
134      padding: 60px 0 40px;
135      text-align: center;
136      color: white;
137  }
138
139  .hero-content {
140      max-width: 900px;
141      margin: 0 auto;
142  }
143
144  .hero-logo {
145      max-width: 547.391px;
146      height: auto;
147      margin-bottom: 25px;
148  }
149
150  .hero-text-box {
151      background: white;
152      border: 4px solid #3d2378;
153      border-radius: 15px;
154      padding: 40px 50px;
155      margin-top: 30px;
156      color: #333;
157  }
158
159  .hero-text-box h1 {
160      font-size: 38px;
161      margin: 0 0 15px 0;
162      font-weight: 700;
163      line-height: 1.3;
164      color: #3d2378;
165  }
```

```
167 .hero-text-box .tagline {
168   font-style: italic;
169   color: #ff8533;
170   font-size: 20px;
171   margin-bottom: 20px;
172   display: block;
173 }
174
175 .hero-text-box p {
176   font-size: 18px;
177   margin-bottom: 25px;
178   line-height: 1.6;
179   color: #555;
180 }
181
182 .hero button {
183   background: #ff8533;
184   color: white;
185   border: none;
186   padding: 15px 35px;
187   border-radius: 30px;
188   font-weight: bold;
189   font-size: 16px;
190   cursor: pointer;
191   transition: all 0.3s ease;
192   box-shadow: 0 4px 15px rgba(255, 133, 51, 0.3);
193 }
194
195 .hero button:hover {
196   background: #e67326;
197   transform: translateY(-2px);
198   box-shadow: 0 6px 20px rgba(255, 133, 51, 0.4);
199 }
200
```

```
201  /* Niche Areas Section */
202  .niche-areas {
203      text-align: center;
204      padding: 70px 0;
205      background: white;
206  }
207
208  .niche-areas h2 {
209      font-size: 32px;
210      color: #3d2378;
211      margin-bottom: 15px;
212  }
213
214  .niche-areas p {
215      font-size: 18px;
216      color: #666;
217      margin-bottom: 40px;
218      max-width: 800px;
219      margin-left: auto;
220      margin-right: auto;
221  }
222
223  .wordcloud {
224      width: 70%;
225      max-width: 900px;
226      display: block;
227      margin: 30px auto;
228      border-radius: 10px;
229      box-shadow: 0 4px 20px rgba(0,0,0,0.1);
230  }
231
```

```
232  /* Experts Table Section */
233  .experts-table {
234      padding: 70px 0;
235      background: #f9fbff;
236  }
237
238  .experts-table h2 {
239      font-size: 32px;
240      color: #3d2378;
241      margin-bottom: 15px;
242      text-align: center;
243  }
244
245  .experts-table p {
246      font-size: 18px;
247      color: #666;
248      margin-bottom: 40px;
249      text-align: center;
250  }
251
252  .experts-table table {
253      width: 100%;
254      border-collapse: collapse;
255      background: white;
256      border-radius: 10px;
257      overflow: hidden;
258      box-shadow: 0 4px 20px rgba(0,0,0,0.1);
259  }
260
261  .experts-table thead {
262      background: #3d2378;
263      color: white;
264  }
```

```
266 .experts-table thead th {
267   padding: 18px 15px;
268   text-align: left;
269   font-weight: 600;
270   font-size: 16px;
271 }
272
273 .experts-table tbody tr {
274   border-bottom: 1px solid □#f0f0f0;
275   transition: background 0.3s ease;
276 }
277
278 .experts-table tbody tr:last-child {
279   border-bottom: none;
280 }
281
282 .experts-table tbody tr:hover {
283   background: □ #f5f2ff;
284 }
285
286 .experts-table tbody td {
287   padding: 15px;
288   color: □#555;
289   font-size: 15px;
290 }
291
292 .experts-table tbody td:first-child {
293   font-weight: 600;
294   color: □#3d2378;
295 }
```

```
297  /* Responsive Table */
298 < @media (max-width: 768px) {
299   .experts-table table {
300     font-size: 14px;
301   }
302
303   .experts-table thead th,
304   .experts-table tbody td {
305     padding: 10px 8px;
306   }
307 }
308
309 /* Commitment Section */
310 < .commitment {
311   background: linear-gradient(135deg, #f4f1ff 0%, #e8e3ff 100%);
312   padding: 70px 0;
313   text-align: center;
314 }
315
316 < .commitment h2 {
317   font-size: 32px;
318   color: #3d2378;
319   margin-bottom: 20px;
320 }
321
322 < .commitment p {
323   font-size: 18px;
324   line-height: 1.8;
325   max-width: 900px;
326   margin: 0 auto 30px;
327   color: #555;
328 }
```

```
330 .commitment button {
331   color: black;
332   border: none;
333   padding: 15px 35px;
334   border-radius: 30px;
335   margin-top: 20px;
336   cursor: pointer;
337   font-size: 16px;
338   font-weight: bold;
339   transition: all 0.3s ease;
340   box-shadow: 0 4px 15px rgba(61, 35, 120, 0.3);
341 }
342
343 .commitment button:hover {
344   background: #29185a;
345   transform: translateY(-2px);
346   box-shadow: 0 6px 20px rgba(61, 35, 120, 0.4);
347 }
348
349 /* Footer */
350 footer {
351   background: #3d2378;
352   color: white;
353   text-align: center;
354   padding: 40px 0;
355   margin-top: 0;
356 }
357
358 footer p {
359   margin: 8px 0;
360   font-size: 15px;
361 }
362
363
```

```
364  .social-icons {  
365    margin-top: 20px;  
366  }  
367  
368  .social-icons a {  
369    color: #ffcc00;  
370    margin: 0 15px;  
371    text-decoration: none;  
372    font-weight: 500;  
373    transition: color 0.3s ease;  
374  }  
375  
376  .social-icons a:hover {  
377    color: #ff8533;  
378    text-decoration: underline;  
379  }  
380  
381  /* Responsive Design */  
382  @media (max-width: 768px) {  
383    nav ul {  
384      flex-direction: column;  
385      gap: 10px;  
386    }  
387  
388    .hero h1 {  
389      font-size: 28px;  
390    }  
391  
392    .hero-logo {  
393      max-width: 300px;  
394    }  
395  
396    .wordcloud {  
397      width: 90%;  
398    }  
399  
400    .niche-areas h2,  
401    .commitment h2 {  
402      font-size: 26px;  
403    }  
404  }
```

```
399  
400    .niche-areas h2,  
401    .commitment h2 {  
402      font-size: 26px;  
403    }  
404  }
```

Output:

The screenshot shows the UMT WISE homepage with a dark purple header. In the top left corner are the UMT logo and the text "UNIVERSITI MALAYSIA TERENGGANU". The top right features navigation links: "About UMT ▾", "Study ▾", "Research ▾", "Student & Campus Life ▾", and "Contact Us". Below these is the UMT WISE logo with the tagline "World class Intellectuals, Scholars & Experts" and the motto "Connecting the best minds". A large white callout box in the center contains the text "World Class Intellectuals, Scholars & Experts" and the tagline "Connecting the best minds".

This screenshot is identical to the one above, showing the UMT WISE homepage with the same layout, header, and central callout box.

The screenshot shows the UMT WISE homepage with a dark purple header. In the top left corner are the UMT logo and the text "UNIVERSITI MALAYSIA TERENGGANU". The top right features navigation links: "About UMT ▾", "Study ▾", "Research ▾", "Student & Campus Life ▾", and "Contact Us". Below these is the UMT WISE logo with the tagline "World class Intellectuals, Scholars & Experts" and the motto "Connecting the best minds". A large white callout box in the center contains the text "World Class Intellectuals, Scholars & Experts" and the tagline "Connecting the best minds". Below the callout box, there is a paragraph: "Connecting you to leading academics in marine science and related fields. Explore collaborations and engage with our experts." A blue button labeled "Find an Expert" is at the bottom of the callout box.

Our Niche Areas of Expertise

From marine science and aquatic resources to social innovation, UMT leads research that makes a real impact.

AQUACULTURE SCIENCES

- ENVIRONMENTAL WATER TECHNOLOGY**
 - Marine Biochemistry
 - Aquaculture Technology
 - Hydrography
 - Food Biotechnology
 - Forest Environments
 - Bioprocess Design & Engineering
- Fisheries Sciences**
 - Marine Renewable Energy
 - Hydrology & HYDRAULIC ENGINEERING
 - Geology and Geosciences
 - Hydrological Science
 - Marine Navigation & Iahticultural Science
 - MARINE ARCHAEOLOGY
- Marine Technology**
 - Marine Hazard
 - Sustainable Environmental Engineering
 - Oceanography
 - Aquatic Ecosystem Management
 - Marine Ecology
 - ECOLOGY
- MARINE ENGINEERING & NAVAL ARCHITECTURE &**
 - Biodiversity & Bio-Conservation
 - Renewable Energy Resources
 - Marine Biology
 - Environmental Chemistry
 - Coastal & Offshore Engineering
 - ENVIRONMENTAL, SOCIAL & GOVERNANCE (ESG)



- [About UMT ▾](#)
- [Study ▾](#)
- [Research ▾](#)
- [Student & Campus Life ▾](#)
- [Contact Us](#)

Featured Experts & Research Areas

Connect with our leading researchers and academics

Name	Position	Research Area	Faculty	Contact
Dr. Ahmad Hassan	Professor	Marine Biology	Faculty of Science & Marine Environment	ahmad@umt.edu.my
Dr. Siti Nurhaliza	Associate Professor	Aquaculture Technology	Faculty of Fisheries & Food Science	siti.n@umt.edu.my
Dr. Lim Wei Ming	Senior Lecturer	Marine Engineering	Faculty of Ocean Engineering	lim.wm@umt.edu.my
Dr. Fatimah Abdullah	Professor	Environmental Chemistry	Faculty of Science & Marine Environment	fatimah@umt.edu.my
Dr. Rajesh Kumar	Associate Professor	Coastal Management	Institute of Oceanography	rajesh.k@umt.edu.my
Dr. Nurul Huda	Senior Lecturer	Marine Biotechnology	Faculty of Science & Marine Environment	nurul.h@umt.edu.my



- [About UMT ▾](#)
- [Study ▾](#)
- [Research ▾](#)
- [Student & Campus Life ▾](#)
- [Contact Us](#)

Our Commitment to Sustainable Development Goals (SDG)

UMT proudly supports the United Nations Sustainable Development Goals (SDGs) through impactful research, innovative education, and community outreach. Our academic community is committed to creating solutions that address global and local challenges, from advancing marine conservation to building a better future for all.

[View SDG - UMT in Scopus](#)

Universiti Malaysia Terengganu

Jalan Sultan Zainal Abidin, Kuala Terengganu, Malaysia

Email: info@umt.edu.my | Phone: +609-668 8000

"Terokaan Seluas Lautan, Demi Kelestarian Sejagat | Ocean of Discoveries for Global Sustainability"

[Facebook](#) [Twitter](#) [Instagram](#)



- [About UMT ▾](#)
- [Study ▾](#)
- [Research ▾](#)
- [Student & Campus Life ▾](#)
- [Contact Us](#)

Our Commitment to Sus

lopment Goals (SDG)

UMT proudly supports the United Nations Sustainable Development Goals (SDGs) through impactful research, innovative education, and community outreach. Our academic community is committed to creating solutions that address global and local challenges, from advancing marine conservation to building a better future for all.

[View SDG - UMT in Scopus](#)

Universiti Malaysia Terengganu

Jalan Sultan Zainal Abidin, Kuala Terengganu, Malaysia

Email: info@umt.edu.my | Phone: +609-668 8000

"Terokaan Seluas Lautan, Demi Kelestarian Sejagat | Ocean of Discoveries for Global Sustainability"

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