



LAB MODULE 5 CSF3133 – Web-based Interface Design

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5.3 Inline CSS

Output:

Welcome to Inline CSS

This paragraph is styled using inline CSS.

5.4 Internal CSS

Output:

Welcome to Internal CSS!

This paragraph is styled using Internal CSS.

5.5 External CSS

Output:

Welcome to External CSS!

This paragraph is styled using External CSS.

5.6 Link to file CSS (from another website)

Output:

Hello, World!

This is styled using Google Fonts.

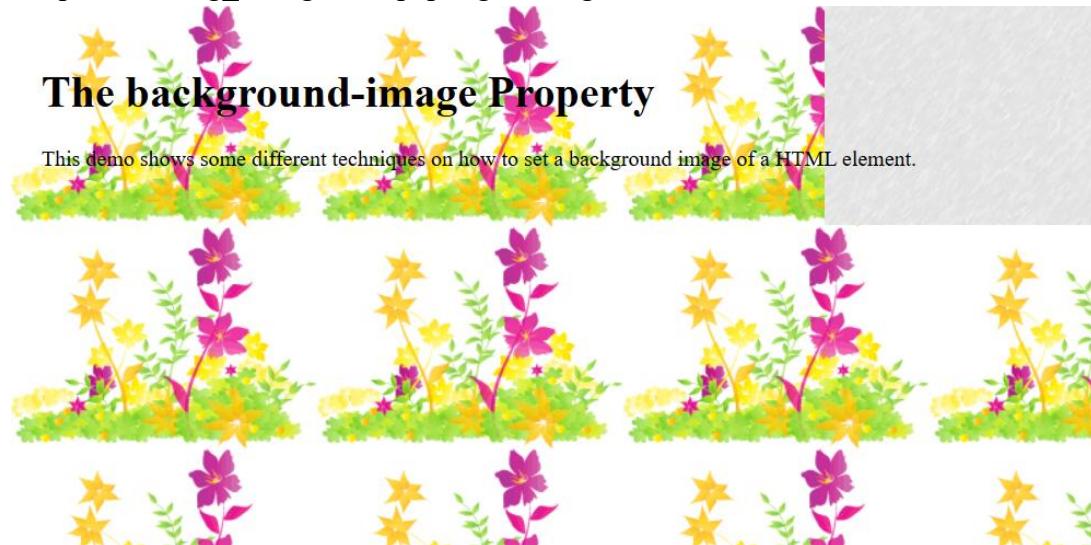
5.7 CSS Backgrounds

Output with paper.gif background:

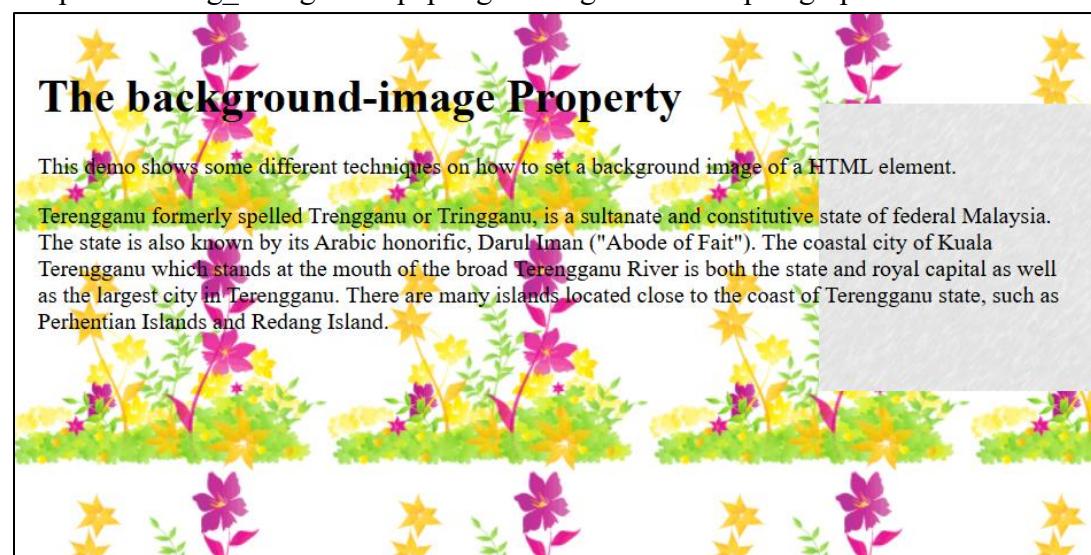
The background-image Property

This demo shows some different techniques on how to set a background image of a HTML element.

Output with img_flwr.gif and paper.gif background:



Output with img_flwr.gif and paper.gif background with paragraph:



5.8 CSS Table

Output:

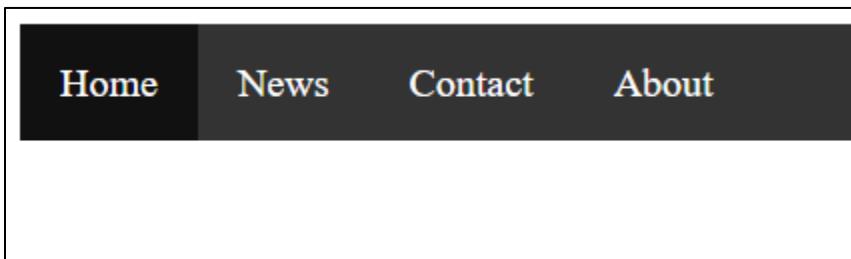
COMPANY	CONTACT	COUNTRY
Alfreds Futterkiste	Maria Anders	Germany
Ernst Handel	Roland Mendel	Austria
Island Trading	Helen Bennett	UK
Magazzini Riuniti	Giovanni Rovelli	Italy

5.9 CSS Navigation Bar

Output:

- [Home](#)
- [News](#)
- [Contact](#)
- [About](#)

Output with hovering on Home:



5.10 Lab Exercise 5

Source Code:

umt.html:

```
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>Universiti Malaysia Terengganu</title>
7      <link rel="stylesheet" type="text/css" href="umt.css">
8  </head>
9  <body>
10     <header>
11         <div class="logo">
12             
13         </div>
14         <div class="about">
15             <span>prg@umt.edu.my</span>
16             <span>+60 9668 4100</span>
17         </div>
18     </header>
19     <nav>
20         <div class="link">
21             <a href="umt.html">Home</a>
22             <a href="VisionUMT.html">Vision</a>
23             <a href="HistoryUMT.html">History</a>
24         </div>
25     </nav>
26     <div class="sectionAboutUMT">
27         
28         <p>
29             The Universiti Malaysia Terengganu (University of Malaysia, Terengganu) or UMT,
30             formerly known as Kolej Universiti Sains dan Teknologi Malaysia (Malaysian
31             University College of Science and Technology) or KUSTEM, is a university in Kuala
32             Nerus District, Terengganu, Malaysia. It was officially chartered on 1 February 2007.
33         </p>
34     </div>
35     <footer>
36         Universiti Malaysia Terengganu 2025 ©
37     </footer>
38 </body>
39 </html>
```

HistoryUMT.html:

```
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>History UMT</title>
7      <link rel="stylesheet" type="text/css" href="umt.css">
8      <style>
9          .articleHistoryUMT {
10              max-width: auto;
11              margin: auto;
12              display: flex;
13              gap: 40px;
14              padding: 40px;
15          }
16          .articleHistoryUMT .text {
17              flex: 2;
18              line-height: 1.8;
19              font-size: 17px;
20          }
21          h1 {
22              margin: 0;
23              padding: 15px;
24              font-weight: bold;
25              color: #2F0E52;
26              background-color: white;
27          }
28          .image img {
29              height: 500px;
30              border-radius: 8px;
31          }
32          .articleHistoryUMT p {
33              float: left;
34              color: white;
35              font-size: 18px;
36              line-height: 1.6;
37              max-width: 1200px;
38              margin: 20px auto;
39              padding: 20px;
```

```

40     background-color: □rgba(255,255,255,0.1);
41   }
42 
```

```

43 </style>
44 </head>
45 <body>
46   <header>
47     <div class="logo">
48       | 
49     </div>
50     <div class="about">
51       | <span>prolumt.edu.my</span>
52       | <span>+60 9668 4100</span>
53     </div>
54   </header>
55   <nav>
56     <div class="link">
57       | <a href="#umt.html">Home</a>
58       | <a href="#VisionUMT.html">Vision</a>
59       | <a href="#HistoryUMT.html">History</a>
60     </div>
61   </nav>
62   <h1>History of Universiti Malaysia Terengganu</h1>
63   <div class="articleHistoryUMT">
64     <div class="text">
65       | <p>
66       |   Universiti Malaysia Terengganu began as Universiti Pertanian Malaysia's Centre for Fisheries and Marine Science, located at Mengabang Telipot, Kuala Terengganu. It provided facilities for both students and lecturers from the Fisheries and Marine Science programmes to conduct their practical sessions and also research.</p>
67
68       | <p>
69       |   Eventually, the Faculty of Fisheries and Marine Science of Universiti Pertanian Malaysia (UPM) in Serdang was transferred to Kuala Terengganu, and the Centre transformed into a branch campus, being renamed Universiti Pertanian Malaysia Terengganu (UPMT) in June 1996. The name of the faculty was also changed to the Faculty of Applied Sciences and Technology.</p>
70
71       | <p>
72       |   Also formed were the Faculty of Science and Professional Literature and the Matriculation Centre.
73
74     </div>
75     <p>
76       | Later on, the Cabinet of Malaysia approved the establishment of Terengganu University College (KUT) on 5 May 1999, as an associate campus of UPM. Then Terengganu University College was given autonomy on 1 May 2001 and was renamed Kolej Universiti Sains dan Teknologi Malaysia (KUSTEM) on 20 June 2001.</p>
77
78   </div>
79   <p>
80     On 1 February 2007, KUSTEM was given the status of a full-fledged university, and with that elevation, it was renamed again and remains to this very day as Universiti Malaysia Terengganu. At the same time, KUSTEM's emblem was reshaped as the university's emblem. In 2015, the university was granted autonomy status.</p>
81
82   </div>
83   <div class="image">
84     | 
85   </div>
86
87 </footer>
88   | Universiti Malaysia Terengganu 2025 &copy;
89 </footer>
90 </body>
91 </html>

```

VisionUMT.html:

```

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>Vision UMT</title>
7      <link rel="stylesheet" type="text/css" href="umt.css">
8      <style>
9        h1 {
10          margin: 0;
11          padding: 15px;
12          font-weight: bold;
13          color: □#2F0E52;
14          background-color: □white;
15        }
16        .articleVisionUMT [l
17          max-width: auto;
18          margin: auto;
19          display: flex;
20          gap: 40px|]
21          padding: 40px;
22          flex-direction: column;
23          color: □white;
24        ]
25        .articleVisionUMT p {
26          padding: 0;
27          margin: 0;
28          float: left;
29          color: □white;
30          font-size: 18px;
31          line-height: 1.6;
32          max-width: auto;
33          padding: 20px;
34          background-color: □rgba(255,255,255,0.1);
35        }
36      </style>
37    </head>
38    <body>
39      <header>

```

```
40 | <div class="logo">
41 |   
42 | </div>
43 | <div class="about">
44 |   <span>pro@umt.edu.my</span>
45 |   <span>+60 9668 4100</span>
46 | </div>
47 | </header>
48 | <nav>
49 |   <div class="link">
50 |     | <a href="umt.html">Home</a>
51 |     | <a href="VisionUMT.html">Vision</a>
52 |     | <a href="HistoryUMT.html">History</a>
53 |   </div>
54 | </nav>
55 | <h1>Vision & Mission UMT</h1>
56 | <div class="articlevisionUMT">
57 |   <p>
58 |     <strong>UMT's PHILOSOPHY</strong>
59 |     <br>
60 |     The integration of knowledge and practice based on the faith
61 |     in Allah is fundamental to the university's endeavour in
62 |     preparing competent human capital for global prosperity.
63 |   </p>
64 |   <p>
65 |     <strong>VISION</strong>
66 |     <br>
67 |     A marine-focused university, reputed nationally and respected globally.
68 |   </p>
69 |   <p>
70 |     <strong>MISSION</strong>
71 |     <br>
72 |     Generating knowledge for the prosperity of the community and world sustainability.
73 |   </p>
74 |   <p>
75 |     <strong>EDUCATIONAL GOALS</strong>
```



```
76 |   <br>
77 |   Producing competent graduates who possess the value of ihsan for society's
78 |   well-being and environmental sustainability.
79 | </p>
80 | <p>
81 |   <strong>SLOGAN</strong>
82 |   <br>
83 |   Ocean of Discoveries, for Global sustainability.
84 | </p>
85 | <p>
86 |   <strong>NICHE AREA</strong>
87 |   <br>
88 |   Marine Science and Aquatic Resources.
89 | </p>
90 | </div>
91 | <footer>
92 |   | Universiti Malaysia Terengganu 2025 &copy;
93 | </footer>
94 | </body>
95 | </html>
```

umt.css:

```
1  html, body {
2    height: 100%;
3  }
4  body {
5    display: flex;
6    flex-direction: column;
7    background-color: #2F0E52;
8    font-family: arial, sans-serif;
9    margin: 0;
10   padding: 0;
11   height: 100%;
12 }
13 ul {
14   list-style-type: none;
15   margin: 0;
16   padding: 0;
17   color: white;
18   display: flex;
19   align-items: center;
20 }
21 header {
22   display: flex;
23   align-items: center;
24   justify-content: space-between;
25   padding: 15px 30px;
26   background-color: white;
27 }
28 .logo img {
29   height: 60px;
30 }
31 .about {
32   color: #2F0E52;
33 }
34 nav {
35   align-items: center;
36   padding: 10px 0;
37 }
38 .link {
39   display: flex;
```

```
40 | justify-content: center;
41 | gap: 40px;
42 |
43 | .link a {
44 |   color: ■white;
45 |   padding: 10px 15px;
46 |   text-decoration: none;
47 |   font-size: 18px;
48 |
49 | }
50 | .link a:hover {
51 |   background-color: □#3f1570;
52 | }
53 | .sectionAboutUMT img{
54 |   width: 100%;
55 |   height: auto;
56 |   display: block;
57 |
58 | .sectionAboutUMT p {
59 |   color: ■white;
60 |   font-size: 18px;
61 |   line-height: 1.6;
62 |   max-width: 1200px;
63 |   margin: 20px auto;
64 |   padding: 20px;
65 |   background-color: □rgba(255,255,255,0.1);
66 | }
67 | footer {
68 |   text-align: center;
69 |   background-color: ■lightgray;
70 |   padding: 10px;
71 |   font-style: italic;
72 |   margin-top: auto;
73 | }
```

Output:

umt webpage:

The Universiti Malaysia Terengganu (University of Malaysia, Terengganu) or UMT, formerly known as Kolej Universiti Sains dan Teknologi Malaysia (Malaysian University College of Science and Technology) or KUSTEM, is a university in Kuala Terengganu District, Terengganu, Malaysia. It was officially chartered on 1 February 2007.

History webpage:

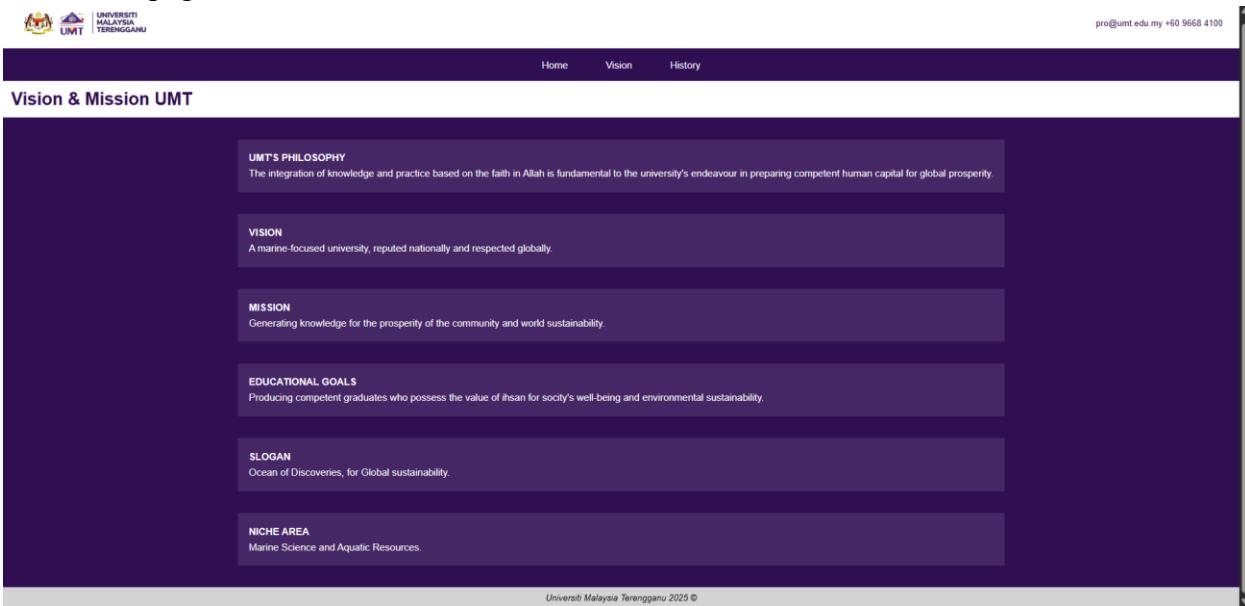
Universiti Malaysia Terengganu began as Universiti Pertanian Malaysia's Centre for Fisheries and Marine Science, located at Mengabang Telipot, Kuala Terengganu. It provided facilities for both students and lecturers from the Fisheries and Marine Science programmes to conduct their practical sessions and also research.

Eventually, the Faculty of Fisheries and Marine Science of Universiti Pertanian Malaysia (UPM) in Serdang was transferred to Kuala Terengganu, and the Centre transformed into a branch campus, being renamed Universiti Pertanian Malaysia Terengganu (UPMT) in June 1996. The name of the faculty was also changed to the Faculty of Applied Sciences and Technology.

Also formed were the Faculty of Science and Professional Literature and the Matriculation Centre. Later on, the Cabinet of Malaysia approved the establishment of Terengganu University College (KUT) on 5 May 1999 as an associate campus of UPM. Then Terengganu University College was given autonomy on 1 May 2001 and was renamed Kolej Universiti Sains dan Teknologi Malaysia (KUSTEM) on 20 June 2001.

On 1 February 2007, KUSTEM was given the status of a full-fledged university, and with that elevation, it was renamed again and remains to this very day as Universiti Malaysia Terengganu. At the same time, KUSTEM's emblem was reshaped as the University's emblem in 2015, the university was granted autonomy status.

Vision webpage:



The screenshot shows the 'Vision & Mission UMT' page. At the top, there is a header with the university's logo and name. Below the header, a navigation bar includes links for Home, Vision, and History. The main content area is titled 'Vision & Mission UMT'. It contains several sections with headings and descriptions:

- UMT'S PHILOSOPHY**
The integration of knowledge and practice based on the faith in Allah is fundamental to the university's endeavour in preparing competent human capital for global prosperity.
- VISION**
A marine-focused university, reputed nationally and respected globally.
- MISSION**
Generating knowledge for the prosperity of the community and world sustainability.
- EDUCATIONAL GOALS**
Producing competent graduates who possess the value of ihsan for society's well-being and environmental sustainability.
- SLOGAN**
Ocean of Discoveries, for Global sustainability.
- NICHE AREA**
Marine Science and Aquatic Resources.

At the bottom of the page, there is a footer note: *Universiti Malaysia Terengganu 2025 ©*.