

The background features a dark blue-to-purple gradient with abstract white and light blue geometric patterns. These include concentric circles, arcs, and degree markings (40, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260) that suggest a technical or design theme.

# AJAX 程式設計

# AJAX PROGRAMMING

# DESIGN

**張家瑋** 博士

助理教授

國立臺中科技大學資訊工程系



# BASIC TABLE & CSS

T  
A  
B  
L  
E

CSS

# HTML5

- HTML的標籤是成對的
  - 「屬性」( property ) 和「值」( value )
- HTML5的主要差異
  - 可以開 WebSocket
  - 多了 Video、Canvas等標籤
  - Web storage
    - key-value pair 存字串
    - 類似 cookie (4KB) 但有5MB
    - local(可跨分頁)、session

```
<!DOCTYPE html>
<html>
<!-- created 2010-01-01 -->
<head>
  <title>sample</title>
</head>
<body>
  <p>Voluptatem accusantium
  totam rem aperiam.</p>
</body>
</html>
```

# CSS

- 裝飾HTML標籤的語言
  - 顏色、字型、排版、動畫、自適應
  - 選擇器 (selector)
    - 針對 tag
    - 針對 id (#id)
    - 針對 class (.class)
- CSS3
  - 加強動畫效果
  - 3D 效果
- 自學資源
  - Bootstrap
  - <http://zh-tw.learnlayout.com/>

```
h1 { color: white;
      background: orange;
      border: 1px solid black;
      padding: 0 0 0 0;
      font-weight: bold;
    }
/* begin: seaside-theme */

body {
  background-color: white;
  color: black;
  font-family: Arial, sans-serif;
  margin: 0 4px 0 0;
  border: 12px solid;
}
```



# JAVASCRIPT

- 讓HTML可以產生互動 (基本)
  - Browser Object Model, 如 DOM 的概念
  - Loop、Conditions
- 讓HTML可以產生互動 (進階)
  - AJAX, jQuery
  - Animations
  - Events

```
<!DOCTYPE html>
<html>
<body>

<p>Click the button to loop through a block of code five times.</p>

<button onclick="myFunction()">Try it</button>

<p id="demo"></p>

<script>
function myFunction() {
  var text = "";
  var i;
  for (i = 0; i < 5; i++) {
    text += "The number is " + i + "<br>";
  }
  document.getElementById("demo").innerHTML = text;
}
</script>

</body>
</html>
```

# TABLE

Tag	Description
<u>&lt;table&gt;</u>	Defines a table
<u>&lt;th&gt;</u>	Defines a header cell in a table
<u>&lt;tr&gt;</u>	Defines a row in a table
<u>&lt;td&gt;</u>	Defines a cell in a table
<u>&lt;caption&gt;</u>	Defines a table caption
<u>&lt;colgroup&gt;</u>	Specifies a group of one or more columns in a table for formatting
<u>&lt;col&gt;</u>	Specifies column properties for each column within a <colgroup> element
<u>&lt;thead&gt;</u>	Groups the header content in a table
<u>&lt;tbody&gt;</u>	Groups the body content in a table
<u>&lt;tfoot&gt;</u>	Groups the footer content in a table

# BASIC TABLE

```
<!DOCTYPE html>
<html>
<body>

<h2>Basic HTML Table</h2>

<table style="width:100%">
  <tr>
    <th>Firstname</th>
    <th>Lastname</th>
    <th>Age</th>
  </tr>
  <tr>
    <td>Jill</td>
    <td>Smith</td>
    <td>50</td>
  </tr>
  <tr>
    <td>Eve</td>
    <td>Jackson</td>
    <td>94</td>
  </tr>
  <tr>
    <td>John</td>
    <td>Doe</td>
    <td>80</td>
  </tr>
</table>

</body>
</html>
```

## Basic HTML Table

<u>Firstname</u>	Lastname	Age
Jill	Smith	50
Eve	Jackson	94
John	Doe	80

# BORDERED TABLE

```
<!DOCTYPE html>
<html>
<head>
<style>
table, th, td {
    border: 1px solid black;
}
</style>
</head>
<body>

<h2>Bordered Table</h2>
<p>Use the CSS border property to add a border to the table.
to the table.</p>

<table style="width:100%">
  <tr>
    <th>Firstname</th>
    <th>Lastname</th>
    <th>Age</th>
  </tr>
  <tr>
    <td>Jill</td>
    <td>Smith</td>
    <td>50</td>
  </tr>
  <tr>
    <td>Eve</td>
    <td>Jackson</td>
    <td>94</td>
  </tr>
  <tr>
    <td>John</td>
    <td>Doe</td>
    <td>80</td>
  </tr>
</table>

</body>
```

## Bordered Table

Use the CSS border property to add a border to the table.

Firstname	Lastname	Age
Jill	Smith	50
Eve	Jackson	94
John	Doe	80



# COLLAPSED TABLE

```
<!DOCTYPE html>
<html>
<head>
<style>
table, th, td {
  border: 1px solid black;
  border-collapse: collapse;
}
</style>
</head>
<body>

<h2>Collapsed Borders</h2>
<p>If you want the borders to collapse into one border, add the CSS border-collapse property.</p>

<table style="width:100%">
  <tr>
    <th>Firstname</th>
    <th>Lastname</th>
    <th>Age</th>
  </tr>
  <tr>
    <td>Jill</td>
    <td>Smith</td>
    <td>50</td>
  </tr>
  <tr>
    <td>Eve</td>
    <td>Jackson</td>
    <td>94</td>
  </tr>
  <tr>
    <td>John</td>
    <td>Doe</td>
    <td>80</td>
  </tr>
</table>

</body>
```

## Collapsed Borders

If you want the borders to collapse into one border, add the CSS border-collapse property.

Firstname	Lastname	Age
Jill	Smith	50
Eve	Jackson	94
John	Doe	80

# CELLPADDING TABLE

```
<html>
<head>
<style>
table, th, td {
  border: 1px solid black;
  border-collapse: collapse;
}
th, td {
  padding: 15px;
}
</style>
</head>
<body>

<h2>Cellpadding</h2>
<p>Cell padding specifies the space between
the cell content and its borders.</p>

<table style="width:100%">
  <tr>
    <th>Firstname</th>
    <th>Lastname</th>
    <th>Age</th>
  </tr>
  <tr>
    <td>Jill</td>
    <td>Smith</td>
    <td>50</td>
  </tr>
  <tr>
    <td>Eve</td>
    <td>Jackson</td>
    <td>94</td>
  </tr>
</table>

</body>
</html>
```

## Cellpadding

Cell padding specifies the space between the cell content and its borders.

<u>Firstname</u>	Lastname	Age
Jill	Smith	50
Eve	Jackson	94

# LEFT-ALIGN HEADINGS

```
<html>
<head>
<style>
table, th, td {
    border: 1px solid black;
    border-collapse: collapse;
}
th, td {
    padding: 5px;
}
th {
    text-align: left;
}
</style>
</head>
<body>

<h2>Left-align Headings</h2>
<p>To left-align the table headings, use the
CSS text-align property.</p>

<table style="width:100%">
  <tr>
    <th>Firstname</th>
    <th>Lastname</th>
    <th>Age</th>
  </tr>
  <tr>
    <td>Jill</td>
    <td>Smith</td>
    <td>50</td>
  </tr>
  <tr>
    <td>Eve</td>
    <td>Jackson</td>
    <td>94</td>
  </tr>
</table>

</body>
</html>
```

## Left-align Headings

To left-align the table headings, use the CSS text-align property.

Firstname	Lastname	Age
Jill	Smith	50
Eve	Jackson	94

# BORDER SPACING

```
<html>
<head>
<style>
table, th, td {
    border: 1px solid black;
    padding: 5px;
}
table {
    border-spacing: 15px;
}
</style>
</head>
<body>
```

```
<h2>Border Spacing</h2>
```

```
<table style="width:100%">
  <tr>
    <th>Firstname</th>
    <th>Lastname</th>
    <th>Age</th>
  </tr>
  <tr>
    <td>Jill</td>
    <td>Smith</td>
    <td>50</td>
  </tr>
  <tr>
    <td>Eve</td>
    <td>Jackson</td>
    <td>94</td>
  </tr>
  <tr>
    <td>John</td>
    <td>Doe</td>
    <td>80</td>
  </tr>
</table>
</body>
</html>
```

## Border Spacing

<u>Firstname</u>	Lastname	Age
Jill	Smith	50
Eve	Jackson	94
John	Doe	80



# CELL THAT SPANS TWO COLUMNS

```
<!DOCTYPE html>
<html>
<head>
<style>
table, th, td {
    border: 1px solid black;
    border-collapse: collapse;
}
th, td {
    padding: 5px;
    text-align: left;
}
</style>
</head>
<body>

<h2>Cell that spans two columns</h2>
<p>To make a cell span more than one column, use
the colspan attribute.</p>

<table style="width:100%">
  <tr>
    <th>Name</th>
    <th colspan="2">Telephone</th>
  </tr>
  <tr>
    <td>Bill Gates</td>
    <td>55577854</td>
    <td>55577855</td>
  </tr>
</table>

</body>
</html>
```

## Cell that spans two columns

To make a cell span more than one column, use the colspan attribute.

Name	Telephone	
Bill Gates	55577854	55577855

# CELL THAT SPANS TWO ROWS

```
<!DOCTYPE html>
<html>
<head>
<style>
table, th, td {
    border: 1px solid black;
    border-collapse: collapse;
}
th, td {
    padding: 5px;
    text-align: left;
}
</style>
</head>
<body>

<h2>Cell that spans two rows</h2>
<p>To make a cell span more than one row, use
the rowspan attribute.</p>

<table style="width:100%">
  <tr>
    <th>Name:</th>
    <td>Bill Gates</td>
  </tr>
  <tr>
    <th rowspan="2">Telephone:</th>
    <td>55577854</td>
  </tr>
  <tr>
    <td>55577855</td>
  </tr>
</table>

</body>
</html>
```

## Cell that spans two rows

To make a cell span more than one row, use the rowspan attribute.

<b>Name:</b>	Bill Gates
<b>Telephone:</b>	55577854
	55577855

# STYLING TABLES

```
<html>
<head>
<style>
table {
    width:100%;
}
table, th, td {
    border: 1px solid black;
    border-collapse: collapse;
}
th, td {
    padding: 15px;
    text-align: left;
}
table#t01 tr:nth-child(even) {
    background-color: #eee;
}
table#t01 tr:nth-child(odd) {
    background-color: #fff;
}
table#t01 th {
    background-color: black;
    color: white;
}
</style>
</head>
```

```
<body>
<h2>Styling Tables</h2>
<table>
  <tr>
    <th>Firstname</th>
    <th>Lastname</th>
    <th>Age</th>
  </tr>
  <tr>
    <td>Jill</td>
    <td>Smith</td>
    <td>50</td>
  </tr>
  <tr>
    <td>Eve</td>
    <td>Jackson</td>
    <td>94</td>
  </tr>
  <tr>
    <td>John</td>
    <td>Doe</td>
    <td>80</td>
  </tr>
</table>
<br>
```

```
<table id="t01">
  <tr>
    <th>Firstname</th>
    <th>Lastname</th>
    <th>Age</th>
  </tr>
  <tr>
    <td>Jill</td>
    <td>Smith</td>
    <td>50</td>
  </tr>
  <tr>
    <td>Eve</td>
    <td>Jackson</td>
    <td>94</td>
  </tr>
  <tr>
    <td>John</td>
    <td>Doe</td>
    <td>80</td>
  </tr>
</table>
</body>
</html>
```

## Styling Tables

<u>Firstname</u>	Lastname	Age
Jill	Smith	50
Eve	Jackson	94
John	Doe	80

<u>Firstname</u>	Lastname	Age
Jill	Smith	50
Eve	Jackson	94
John	Doe	80

# CSS



# INLINE CSS

```
<!DOCTYPE html>
<html>
<body>

<h1 style="color:blue;">This is a Blue
Heading</h1>

</body>
</html>
```

**This is a Blue Heading**

# INTERNAL CSS

```
<!DOCTYPE html>
<html>
<head>
<style>
body {background-color: powderblue;}
h1   {color: blue;}
p    {color: red;}
</style>
</head>
<body>

<h1>This is a heading</h1>
<p>This is a paragraph.</p>

</body>
</html>
```

**This is a heading**

This is a paragraph.

# EXTERNAL CSS

```
body {  
    background-color: powderblue;  
}  
h1 {  
    color: blue;  
}  
p {  
    color: red;  
}
```

```
<!DOCTYPE html>  
<html>  
<head>  
    <link rel="stylesheet" href="styles.css">  
</head>  
<body>  
  
    <h1>This is a heading</h1>  
    <p>This is a paragraph.</p>  
  
</body>  
</html>
```

**This is a heading**

This is a paragraph.

# CSS FONTS

```
<!DOCTYPE html>
<html>
<head>
<style>
h1 {
  color: blue;
  font-family: verdana;
  font-size: 300%;
}
p {
  color: red;
  font-family: courier;
  font-size: 160%;
}
</style>
</head>
<body>

<h1>This is a heading</h1>
<p>This is a paragraph.</p>

</body>
</html>
```

**This is a heading**

This is a paragraph.



# CSS PADDING

```
<!DOCTYPE html>
<html>
<head>
<style>
p {
  border: 1px solid powderblue;
  padding: 30px;
}
</style>
</head>
<body>

<h1>This is a heading</h1>

<p>This is a paragraph.</p>
<p>This is a paragraph.</p>
<p>This is a paragraph.</p>

</body>
</html>
```

## This is a heading

This is a paragraph.

This is a paragraph.

This is a paragraph.

# CSS MARGIN

```
<!DOCTYPE html>
<html>
<head>
<style>
p {
  border: 1px solid powderblue;
  margin: 50px;
}
</style>
</head>
<body>

<h1>This is a heading</h1>

<p>This is a paragraph.</p>
<p>This is a paragraph.</p>
<p>This is a paragraph.</p>

</body>
</html>
```

## This is a heading

This is a paragraph.

This is a paragraph.

This is a paragraph.

# CSS - THE ID ATTRIBUTE

```
<!DOCTYPE html>
<html>
<head>
<style>
#p01 {
    color: blue;
}
</style>
</head>
<body>

<p>This is a paragraph.</p>
<p>This is a paragraph.</p>
<p id="p01">I am different.</p>

</body>
</html>
```

This is a paragraph.

This is a paragraph.

I am different.

# CSS - THE CLASS ATTRIBUTE

```
<!DOCTYPE html>
<html>
<head>
<style>
p.error {
    color: red;
}
</style>
</head>
<body>

<p>This is a paragraph.</p>
<p>This is a paragraph.</p>
<p class="error">I am different.</p>
<p>This is a paragraph.</p>
<p class="error">I am different too.</p>

</body>
</html>
```

This is a paragraph.

This is a paragraph.

I am different.

This is a paragraph.

I am different too.



# CSS - EXTERNAL REFERENCES

```
<!DOCTYPE html>
<html>
<head>
  <link rel="stylesheet"
href="https://www.w3schools.com/html/styles.css">
</head>
<body>

<h1>This is a heading</h1>
<p>This is a paragraph.</p>

</body>
</html>
```

**This is a heading**

This is a paragraph.

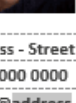
# 練習

王小明的履歷表	
基本資料	
中文姓名	王小明
英文姓名	Kevin
性別	男性
出生日期	民國69年6月20日
婚姻狀況	未婚
兵役狀況	役畢(民國95年6月)
身高	170公分(cm)
體重	65公斤(kg)
身障類別	輕度聽覺或平衡機能障礙、中度聲音系統語言機能障礙、重度自閉症
障礙手冊	有
使用輔具	輪椅、特殊滑鼠設計、金點1號
聯絡資料	
Email	Kevin@yahoo.com.tw
聯絡電話	手機1：0933123456 住家：(02)29126104
聯絡方式	電話聯絡(09:00~21:00)
通訊地址	台北縣新店市寶中路119-1號2樓
求職資料	
就業狀態	工作中(仍在職)
求職身份	應屆畢業生、原住民
最快可上班日	隨時
工作經歷	






























照片

# 進階練習



# YOUR NAME

 Address - Street line - City, ST 10003
  T 000 000 0000
  email@address.com  
some-url.com

Calibri (Bo) 12 A A
 
























## DIPLOMA

School Name — 2003-2005

Ut enim ad minim veniam, quis nostrud exerc. Irure dolor in reprehend incididunt ut labore et dolore magna aliqua.

## DIPLOMA

School Name — 2000-2003







Ut enim ad minim veniam, quis nostrud exerc. Irure dolor in reprehend incididunt ut labore et dolore magna aliqua.

## DIPLOMA

School Name — 1998-2000

Ut enim ad minim veniam, quis nostrud exerc. Irure dolor in reprehend incididunt ut labore et dolore magna aliqua.

## SKILLS

 C4D
  CSS
  InDesign
  Photoshop
  Illustrator
  PHP

## EXPERIENCE

JOB TITLE, Company Name  
City, State — 2012-2015

Ut enim ad minim veniam, quis nostrud exerc. Irure dolor in reprehend incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Accomplishments:

- Ut enim ad minim veniam, quis nostrud exerc.
- Exercitation ullamco laboris nisi ut aliquip ex ea commodo









City, State — 2005-2012

Ut enim ad minim veniam, quis nostrud exerc. Irure dolor in reprehend incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Accomplishments:

- Ut enim ad minim veniam, quis nostrud exerc.
- Exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.
- Ut enim ad minim veniam, quis nostrud exerc.
- Donec vitae lacinia purus, tincidunt tempor mi.

## INTERESTS

## REFERENCES

Available upon request.



# THANK YOU

自學資源

- [W3SCHOOLS](#)
- [CODECADEMY](#)