

<b>Front End Development</b> Diploma in CSF 2021/22 Semester 2	Week <b>1</b>
	2 Hours
<b>Creating a Web Page – Links &amp; Table</b>	

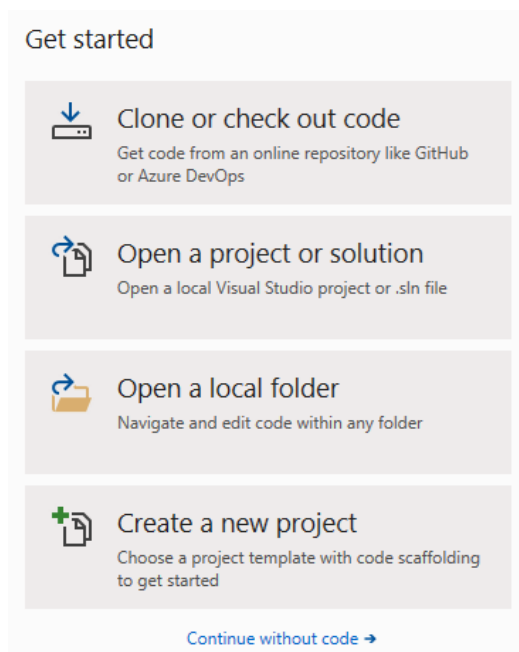
## Activities

### Materials

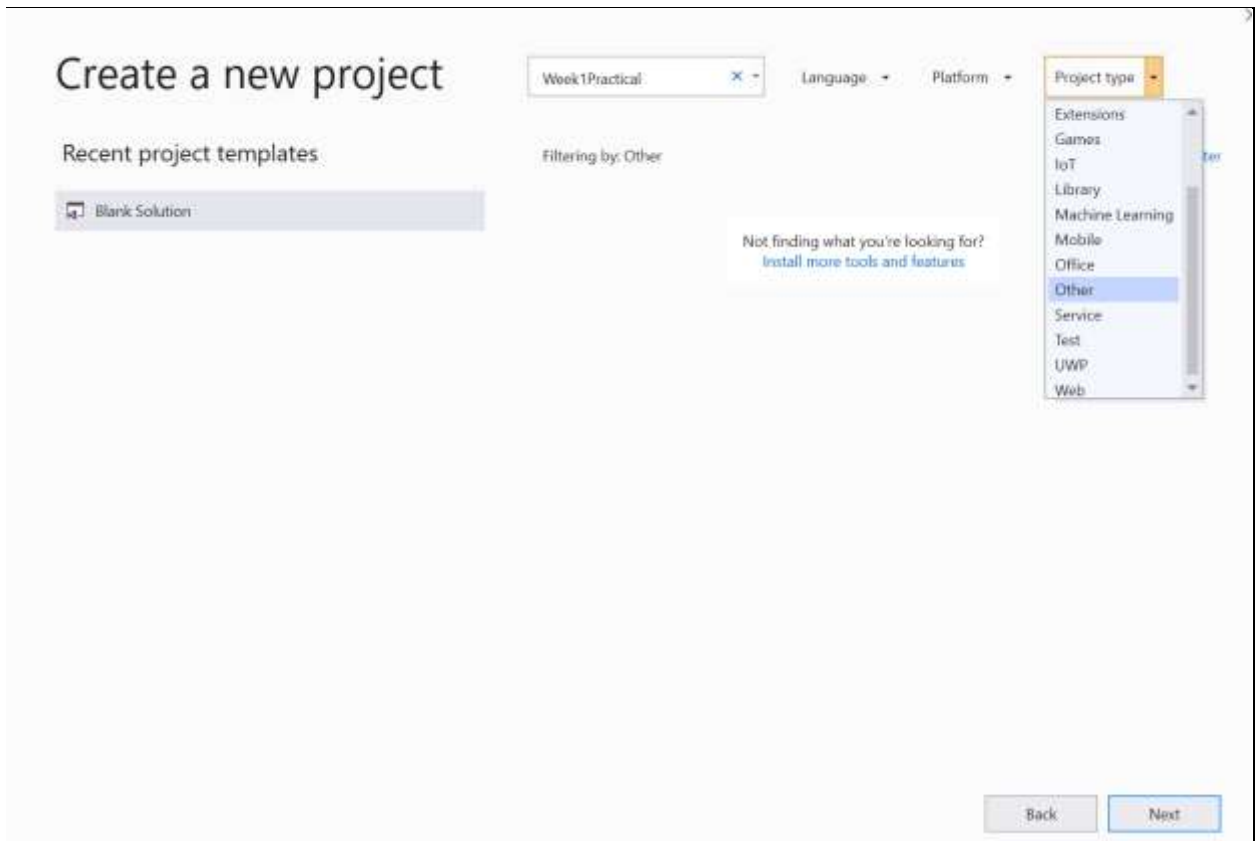
- Download the following files from MEL :-
  - jenskitchen.zip
  - HTML5Badge.ico
  - Styles.css

### Task 1: Linking Web Pages

1. Launch Visual Studio.



2. Create a new project and name it as **Week1\_1\_Practical**. Under **Project type** drop-down menu, select **Other**



Create a new project

Project name: Week1Practical

Language: Platform: Project type: Other

Recent project templates

Blank Solution

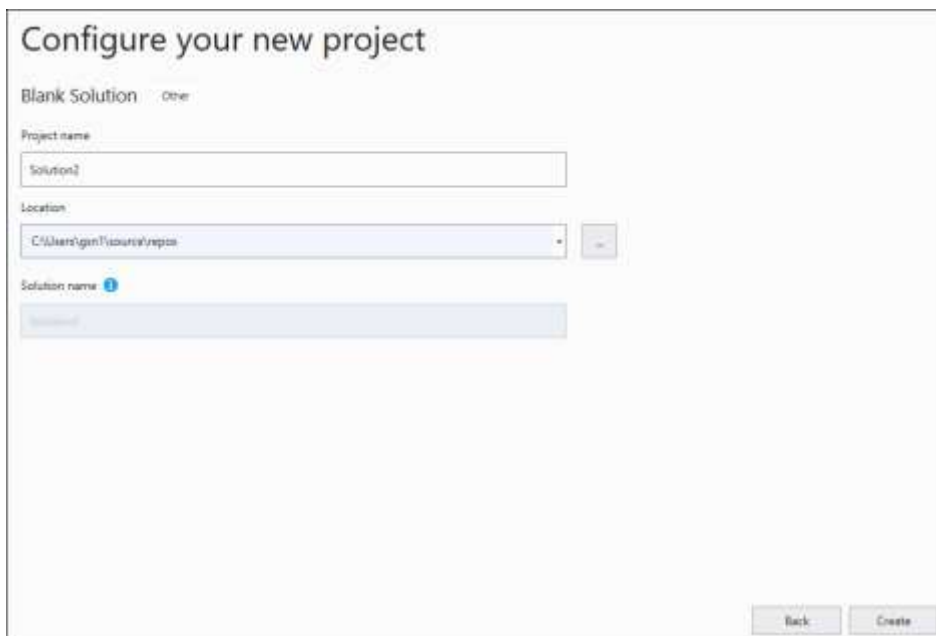
Filtering by: Other

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### 3. Click **Next**

The default location is C:\Users\Your Name\source\repos. You may change the location to a folder of your choice.



Configure your new project

Blank Solution Other

Project name: Solution2

Location: C:\Users\gin1\source\repos

Solution name: Solution2

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### 4. Enter Project name as **Week1\_1\_Practical**

## 5. Click **Create**

6. Click Solutions and Folders button in the Solutions Explorer and select Week1\_1\_Practical as shown below.



7. Create a new folder named **images** within the project and add the image files HTML5Badge.png and HTML5Badge.ico into this folder.
- Right click Week1\_1\_Practical in the solution Explorer.
  - Select Add → New Folder.
  - Name the folder as images.
  - Right click anywhere in the Solution Explorer and select Open Folder in File Explorer.
  - Copy and paste the two image files to this folder.
8. Add a new HTML page and name it as **index.html**.

It is common practice to name the first page of a website as [index.html](#). Click the link to read about “Understanding the Index.html Page on a Website”.

- Right click the ‘Week1\_1\_Practical’ in the solution Explorer.
  - Select Add → New Item.
  - Select HTML Page and click Open.
  - Name the file as **index.html**.
  - Use all lower case.
9. Enter the meta tags for author and description in the <head> element.

```
<meta name="author" content="Your name" />
<meta name="description" content="Week 1 Practical" />
```

10. Type the title as “Week 1 Practical”.

11. Type the following link tag in the <head> element.

```
<link rel="icon" type="image/x-icon" href="images/HTML5Badge.ico" />
```

This adds the favicon that is displayed next to the page’s title on the browser.

12. In the body enter a <header> element and type the following within it.

```
<h1>HTML5</h1>
<figure>
  
  <figcaption>Official HTML5 Logo</figcaption>
</figure>
```

13. Unzip jenskitchen.zip to your **Week1\_1\_Practical** folder in your hard disk

14. Attempt Exercise 6-7 in page 123 of the textbook.

15. Test index.html in a browser to ensure it is able to link to the various web pages correctly.

**Note:** Since CSS is used to style web pages, there are CSS in the html pages for this practical. Please be informed that you will learn CSS in detail later.

### **Task 2: Creating your timetable**

16. Add a new HTML page and name it as **MyTimetable.html**.

17. Enter the meta tags for author and description.

18. Type the title as "My Timetable".

19. Within the <body> tags start with a <table> tag.

20. Type caption as "My Timetable".

21. In the first row use <th> to create the column headings.

22. In the subsequent rows, use <th> for the first time only and <td> for other columns.

23. Use rowspan attribute of <td> to specify the number of rows for each lesson.

24. Continue to add rows to complete the table as shown in Figure 1.

25. Save the file and view in browser to see how it looks.

26. Zipped the entire **Week1\_1\_Practical** folder and submit in MEL submission.

(Zip filename format as instructed in ppt slides)

Without styling your timetable would look as below in Figure 1:

My Timetable					
Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00AM					
9:00AM	CSF 1_CTG 31-05-0010 TAN AH CHIEW				
10:00AM	ARTHUR P01		IT 1_PRG2 27-07-0003 LUM CHEE FOONG VICTOR P08	CSF 1_OSNF 27-06-0001 SUN LEI T08	IT 1_FED 27-05-0012 TAN CHOON PENG T08
11:00AM	IT 1_FED 27-07-0003 TAN CHOON PENG				
12:00PM	P08				
1:00PM					CSF 1_OSNF 27-05-0012
2:00PM		IS CORE IMP 51-06-0013 TAN LAI WAN T17	IT 1_DB 27-05-0004 ISMAL AHMED FULU P08	IT 1_PRG2 27-04-0001 LUM CHEE FOONG VICTOR T08	SUN LEI T08
3:00PM	CSF 1_OSNF 27-05-0012 SUN LEI	16-Oct-19 to 22-Jan-20			
4:00PM	T08			CSF 1_CTG 27-05-0012 TAN AH CHIEW ARTHUR T01	
5:00PM					

**Figure 1: My Timetable**

Challenge:

Download Styles.css from MEL into css folder (create css folder if there is none) in the project. Link css/Styles.css inside MyTimeTable.html. View the table with border displayed.

Note: Feel free to use your own time table if you want to.

Output of Timetable will be like this with styling (CSS)

## My Timetable

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00AM					
9:00AM	CSF 1_CTG 31-05-0010 TAN AH CHIEW ARTHUR P01				
10:00AM			IT 1_PRG2 27-07-0003 LUM CHEE FOONG VICTOR P08	CSF 1_OSNF 27-06-0001 SUN LEI T08	IT 1_FED 27-05-0012 TAN CHOON PENG T08
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3:00PM	CSF 1_OSNF 27-05-0012 SUN LEI T08				
4:00PM					CSF 1_CTG 27-05-0012 TAN AH CHIEW ARTHUR T01
5:00PM					

== End of Worksheet ==