

Assignment 1 (Group)

Your assignment must be submitted to Moodle before the deadline. Put all your report and codes into a folder. Named the folder as **A1-GxTyy-UOWID1,UOWID2(Name1,name2)** where “x” stands for your tutorial group number and “yy” stands for the team number. For example, A1-G2T05 stands for team 05 in tutorial group 2. In the folder you should have **1 html file, 1 MS Words report and the 4 pictures**. The title of the web page, report and html file must use the same name as the folder. Zip up the folder and submit it via the Assignment 1 Submission on Moodle. Only 1 submission per group. **Part of the evaluation include the ability to follow these instructions.**

Assignment question: Using **HTML, CSS, Javascript** to develop the content as shown below. There are 4 parts, and all parts must be in a single html file including the CCS content. All pictures must make use of relative link. Your code must demonstrate the use of CSS. All source codes need to follow proper programming style and convention to enhance its readability.

Your **report** must include the **screenshot of your webpage, your code** and the **explanation of all your code**. Highlight those html tags, CSS and Javascript constructs you have used by showing the code segment from your html file. Below is a sample.



Screenshot of the webpage

Your code

Your explanation

Part 1:

A table reflecting the following information. The format must be as shown below.

CSIT128: Assignment 1			Group GxTyy
Student Number / Name / Email	UOW ID 1	Name 1	Name1@something.com
	UOW ID 2	Name 2	Name2@something.com

Part 2:

As shown below. The hyperlink will direct you to the corresponding sections. For example, when C++ is clicked, it will bring you to the C++ section and when C# is clicked it will bring you to the C# section. The 4 pictures are included in the assignment package. **Note that the actual picture is different as shown below**. You need to resize the picture using the image attribute. No outer boarder is required.

Part 2: Hello World program in different languages

- [C++](#)
- [C#](#)
- [Python](#)
- [HTML](#)

C++



```
#include <iostream>

void main( ) {
    cout << "Hello World!" << endl;
}
```

C#



```
using System;

class Program
{
    static void Main()
    {
        Console.WriteLine("Hello, World!");
    }
}
```

Python



```
# Hello World program in Python

print("Hello World!")
```

HTML



```
<html>
<head>
<title>Hello</title>
</head>
<body>
Hello World!
</body>
</html>
```

Part 3:

The layout and format (e.g. line spacing) of your page should be as close as possible to what is shown below. No outer boarder is required. You may use the following web addresses for the four links ("here").

- <https://www.uow.edu.au/student/support-services/learning-development/plagiarism/>
- <https://www.uow.edu.au/student/admin/academic-consideration/portal/>
- <https://www.uow.edu.au/student/support-services/advisers/>
- <https://www.uow.edu.au/student/support-services/disability/>

Part 3: University policies and services

PLAGIARISM

Plagiarism is treated seriously. If we suspect any work is copied, all students involved are likely to receive zero for the entire assignment. Plagiarism has led to students being expelled from the University. Please click [here](#) to read more about Plagiarism.

ACADEMIC CONSIDERATION

We know that life isn't perfect and there may be a time when you can't hand in an assignment on time, or make it to class or an exam. If you find yourself in a situation like this, you may be eligible for Academic Consideration. Academic Consideration is designed to help students when they are sick, injured, or where a serious, unplanned situation has occurred that has affected their ability to study. Please click [here](#) to read more about Academic Consideration.

STUDENT SUPPORT ADVISERS

If you have an issue or a problem that is affecting your study, then the Student Support Advisers may be able to help. There are Student Support Advisers available to assist students who are studying at all UOW Campuses and in all UOW Faculties. Please click [here](#) to read more about Student Support Advisers.

Student Support Adviser contact details for Faculty of Engineering and Information Sciences:

Ann-Maree Smith Bld 40:133, Wollongong Campus (02) 4221 4714 Mon- Fri ams@uow.edu.au	Mitz Perez Bld 4:105, Wollongong Campus (02) 4221 3833 Mon-Fri mperez@uow.edu.au
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DISABILITY SERVICES

Disability Services provide advice and support for students with a disability or health condition. Our aim is to ensure students with a disability realise their full academic potential. We also provide support for those who are the primary carers for those with a medical condition or disability. Please click [here](#) to read more about Disability Services.

Part 4:

Build a html form with the following elements. The form must be within a table structure.

- Name: a text box where the content contains no number but allow special character. The text box must not be empty.
- Module code: a text box where the content must start with 3 lower case alphabets and follows by 3 digits. The 3 digits cannot start with a "0" (i.e. 012 is not allowed). This textbox can be empty.
- Current date: a non-editable textbox and should be in the format as shown (e.g. 8 April 2024 Monday 3:35 PM). The content is the current date or today's date which will change every day.
- Message: a text area with 3 rows and 20 columns. The default text is "Test 202404". The text area cannot be empty.
- Find: a text box for the user to key in text he/she wants to find.
- Replace: a text box for the user to key in the replacement text. If the find text is empty, this element should be disable (i.e. user cannot key in anything here).
- Find and Replace: This is a button, when click, it will go to the "Message" text area to find all the occurrence of the text shown in the "Find" text box and replaces all of them with the content shown in the "Replace" text box. After the replacement, a message showing the number of replacements must be displayed besides the button.
- Source language: a selection list with English, Malay, Japanese. Use English as the default.
- Target language: a radio button with Chinese, Japanese and Korean. Make Chinese as the default.
- Submit button: the button is called "Translate". When it is clicked, it should invoke the google translate <https://translate.google.com> to perform the translation of the content in the "Message" text area as described above.
- Reset button: this will reset the content of all the elements.

You are free to design your own validation messages, but they must appear besides the corresponding html elements as shown in the lecture slide (i.e. no popup error message).

There may be components or attributes which are not covered in the lecture. You need to do some research and discuss those new features you have learned and used in your report.