

CIS 241 - WEB DEVELOPMENT I
Week 2
2023-Fall

Lesson Plan

Welcome to CIS 241 - WEB DEVELOPMENT I! This is an online class. You need to login into Edmonds College Canvas. Follow the steps below to finish all the steps in the table below for the assignments of this week.

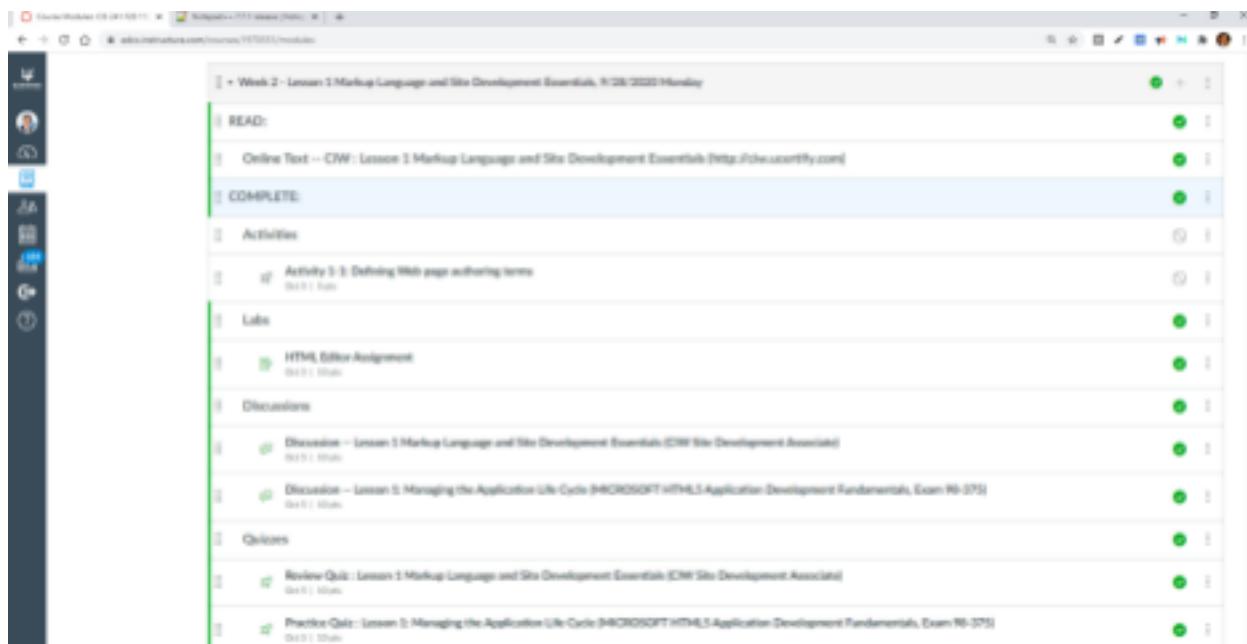
Student Assignments for this Week
Step 1. Week 2 - Lesson 1 Markup Language and Site Development Essential HTML Editor Assignment2 Notepad++ Compare Plugin.....15 Challenge: Install Preview HTML plugin in Notepad++.....20

My name is Anna Truss, the instructor for this class. Email is the best way to communicate with me. Below is my contact information.

Instructor: Anna Truss
Computer Information Systems
Web Application Developer
Email: anna.truss@edmonds.edu
Edmonds College
Please contact me if you have any questions.

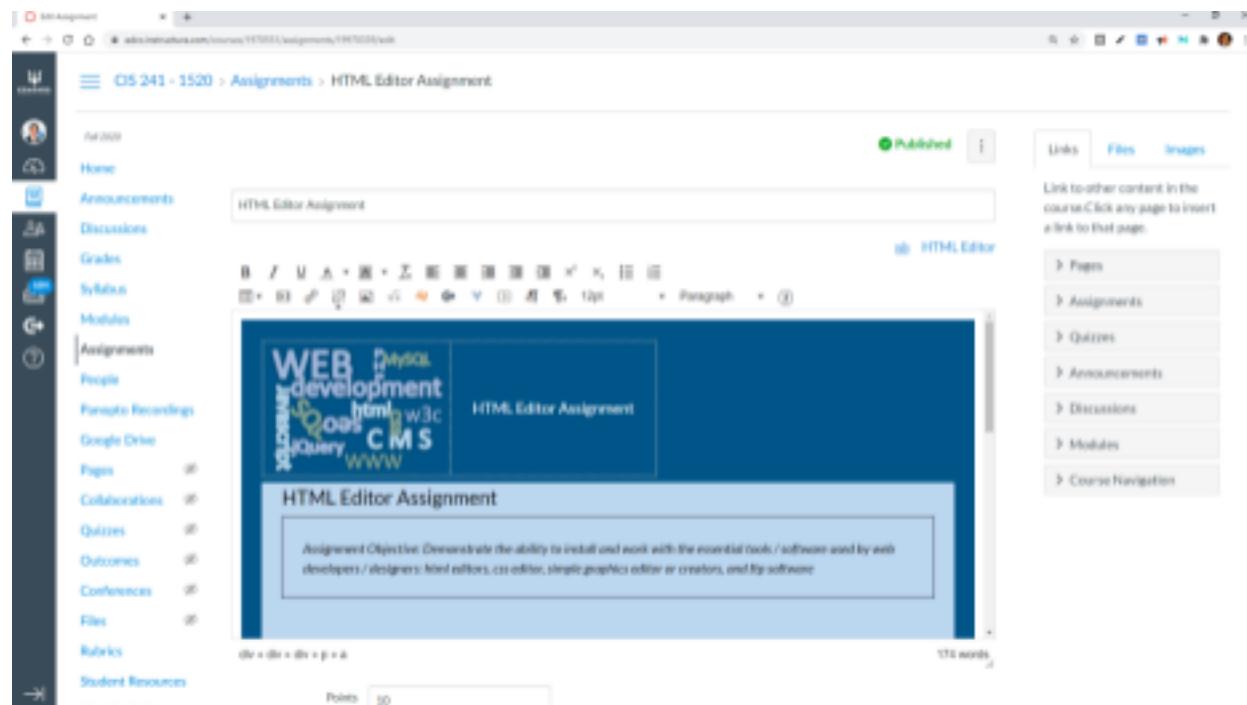
Step 1. Week 2 - Lesson 1 Markup Language and Site Development Essential HTML Editor Assignment

Open **Modules > Labs > HTML Editor Assignment** page.



The screenshot shows the Canvas Learning Management System interface. The left sidebar has icons for Home, Announcements, Discussions, Grades, Syllabus, Modules, Assignments (which is selected), People, Forum Recordings, Google Drive, Pages, Collaborations, Quizzes, Outcomes, Conferences, Files, Rubrics, and Student Resources. The main content area displays the 'Week 2 - Lesson 1 Markup Language and Site Development Essentials' module. Under the 'Labs' section, the 'HTML Editor Assignment' task is listed with a green checkmark and the status 'Not Started'. Other tasks like 'Discussion - Lesson 1 Markup Language and Site Development Essentials (CW Site Development Associate)' and 'Discussion - Lesson 1: Managing the Application Life-Cycle (MICROSOFT HTML5 Application Development Fundamentals, Exam 98-375)' are also visible.

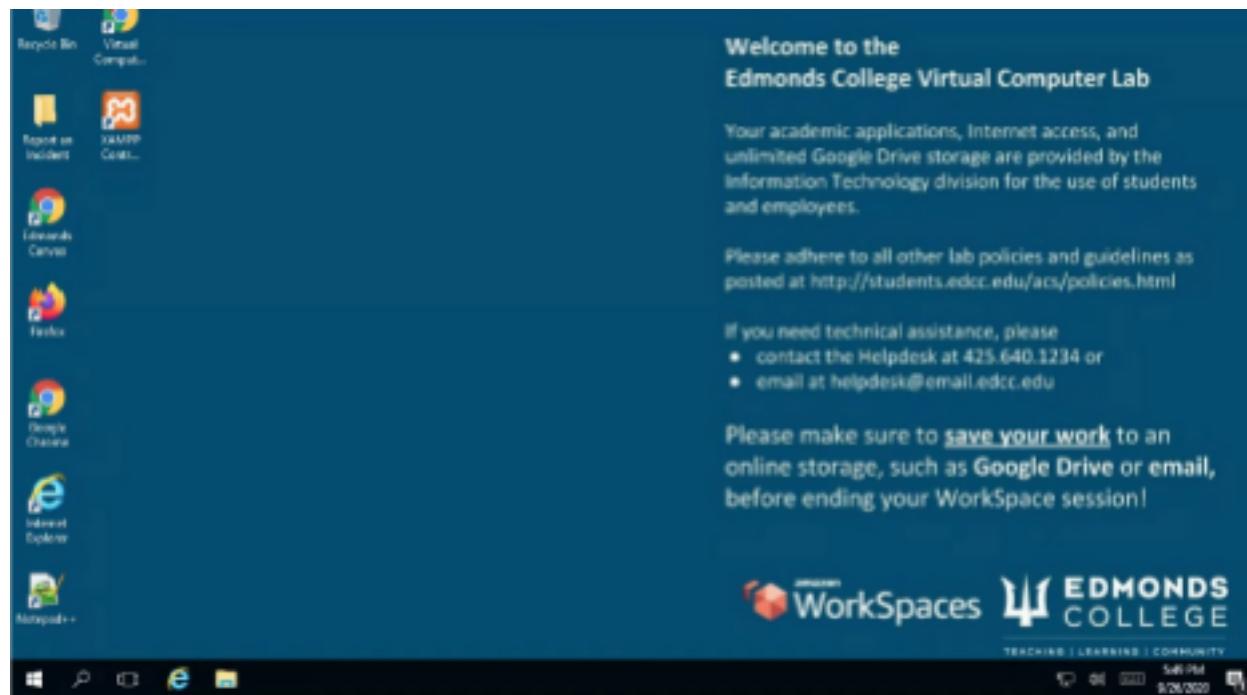
Study the **HTML Editor Assignment** requirement. We will install **Notepad++** as the **HTML editor** assignment.



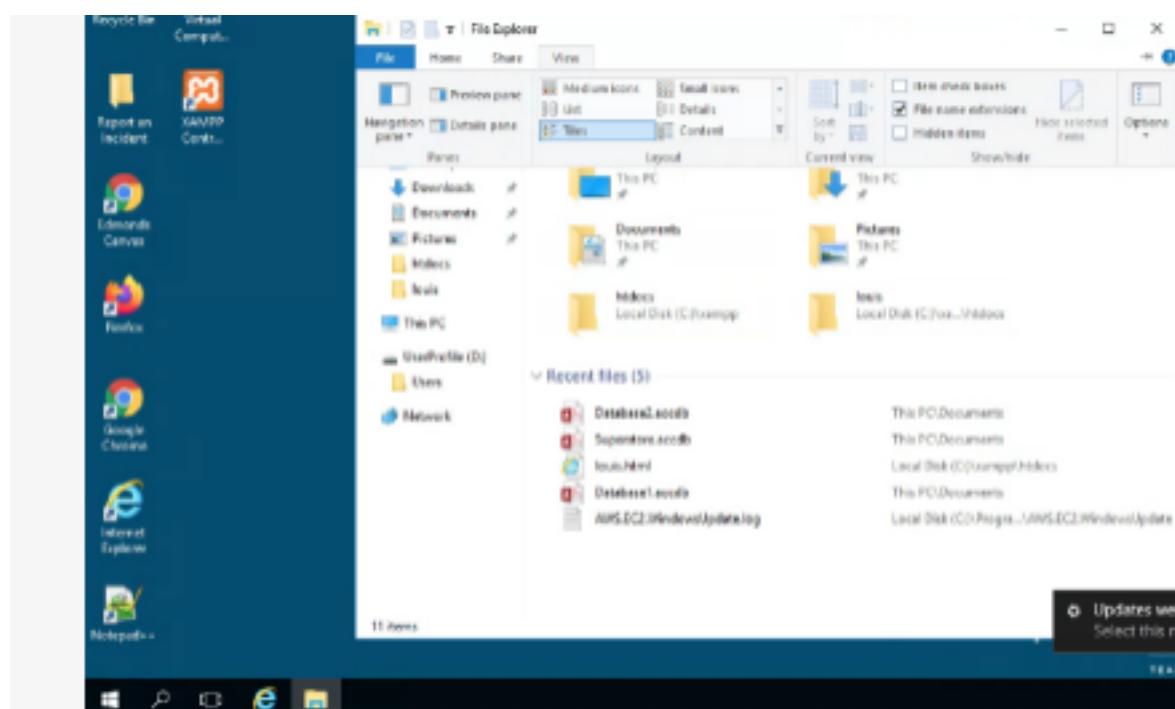
The screenshot shows the CIS 241 - 1520 course assignments page. The left sidebar includes Home, Announcements, Discussions, Grades, Syllabus, Modules, Assignments (selected), People, Forum Recordings, Google Drive, Pages, Collaborations, Quizzes, Outcomes, Conferences, Files, Rubrics, and Student Resources. The main content area shows the 'HTML Editor Assignment' task under 'Published' assignments. The assignment details include a rich text editor toolbar, a preview window showing a blue-themed web development landing page, and a text editor window below it. The assignment description states: 'Assignment Objective: Demonstrate the ability to install and work with the essential tools / software used by web developers / designers: html editors, css editor, simple graphics editor or creators, and file software'. The assignment is worth 50 points. A sidebar on the right provides links to other course content like Pages, Assignments, Quizzes, Announcements, Discussions, Modules, and Course Navigation.

Configure Windows to show files extensions.

In your computer, you need to modify the configuration so it will show the files extensions: Right-click on **File Explorer**.



Click to check **File name extensions**.



[Download Notepad++:](#)

Open a web browser. Connect to <https://notepad-plus-plus.org/downloads/v8.5.7/>

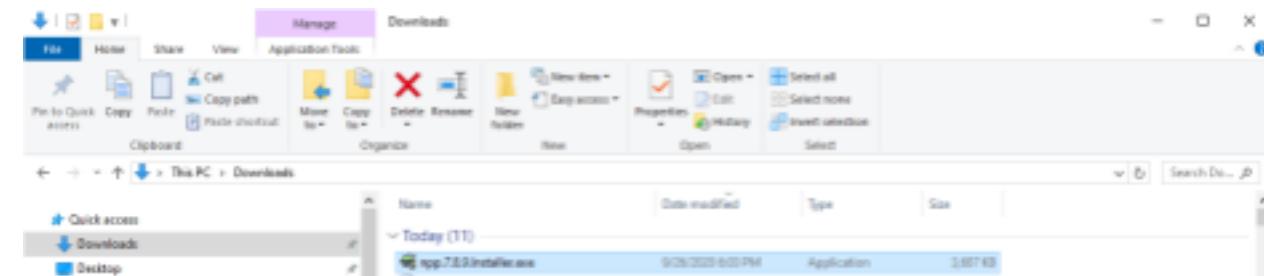
The screenshot shows the Notepad++ download page. At the top is the Notepad++ logo featuring a green lizard writing with a pen. Below it is a large green button labeled "Start Now". To the right of the logo is the text "Release Date: 2023-09-08". Underneath the logo, there is a section titled "Download 64-bit x64" with a large green download button. The main content area has a gold cardboard box icon with the Notepad++ logo on it. At the bottom of the page is a "DOWNLOAD" button.

Current Version 8.5.7

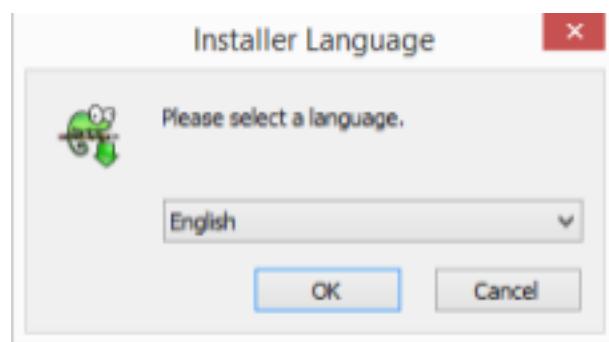
- Home
- Download
- News
- Online Help
- Resources
- RSS
- Donate
- Author

Click **Download** to download Notepad++.

Double-Click **npp.8.5.7.Installer.x64.exe** to install Notepad++.



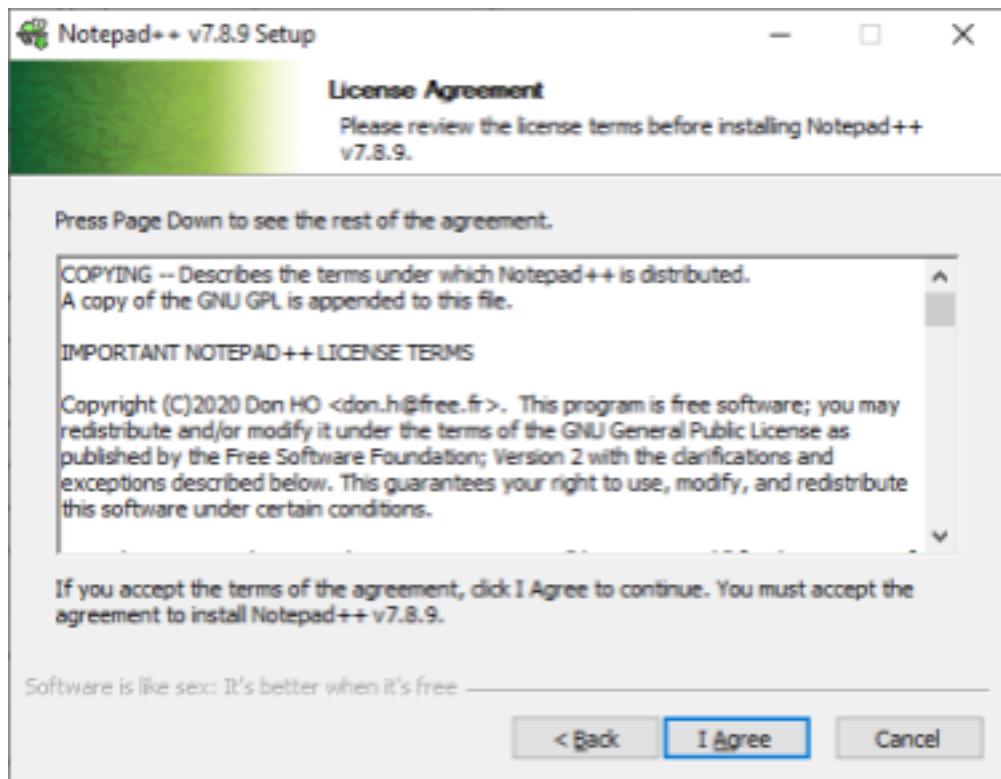
Click **OK**.



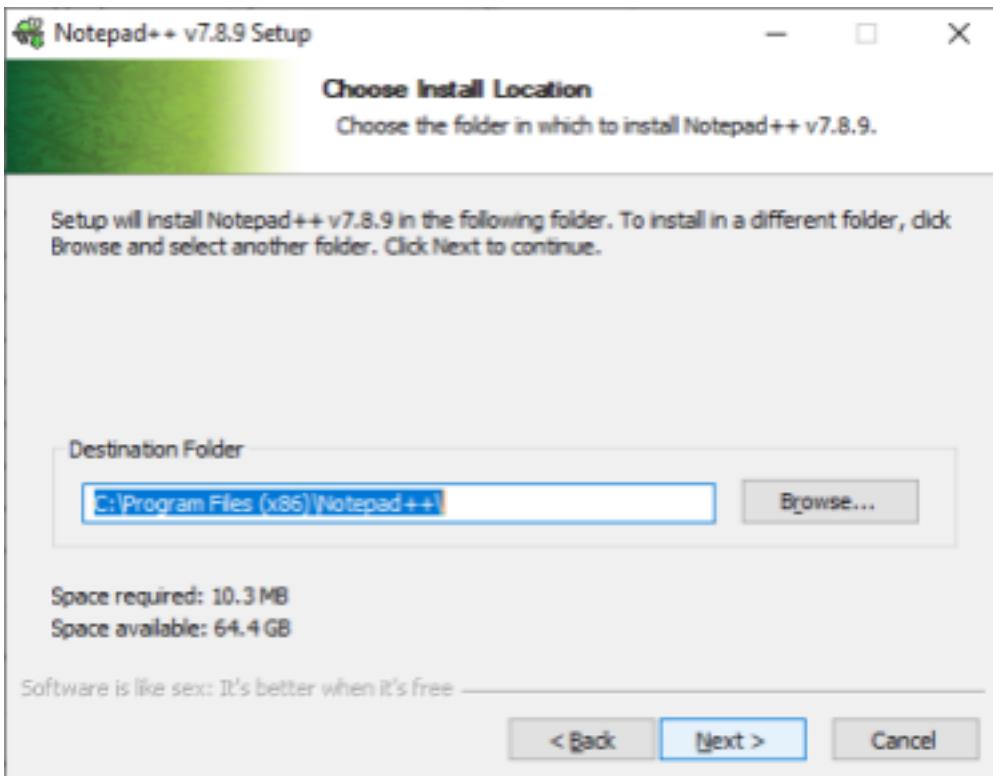
Click Next.



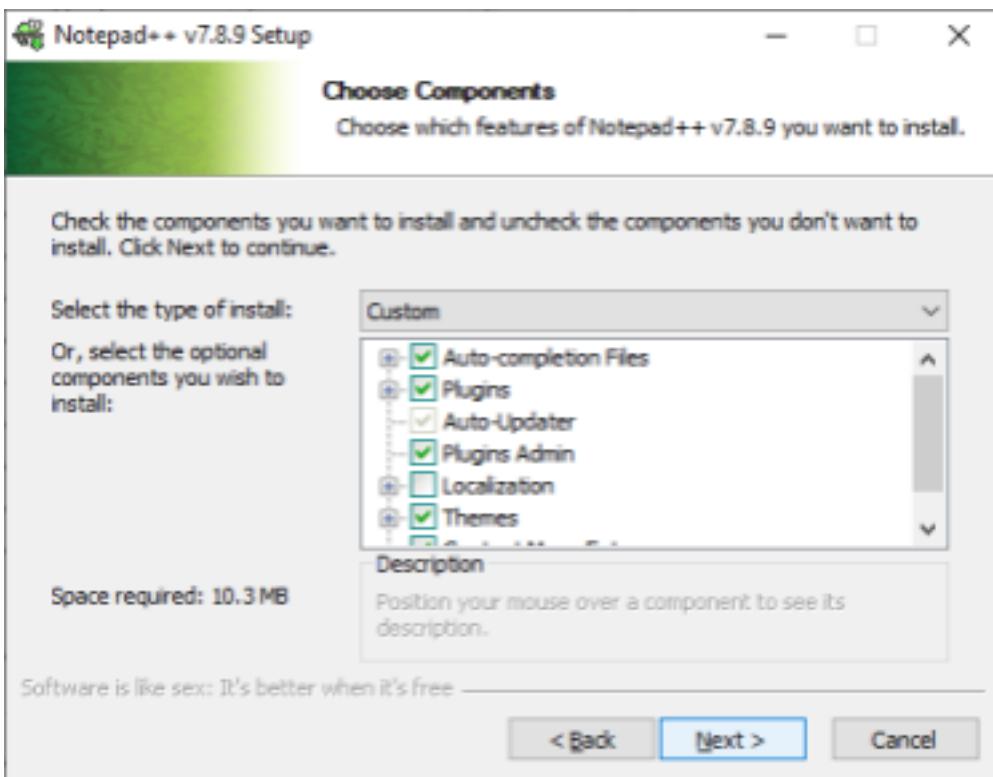
Click I Agree.



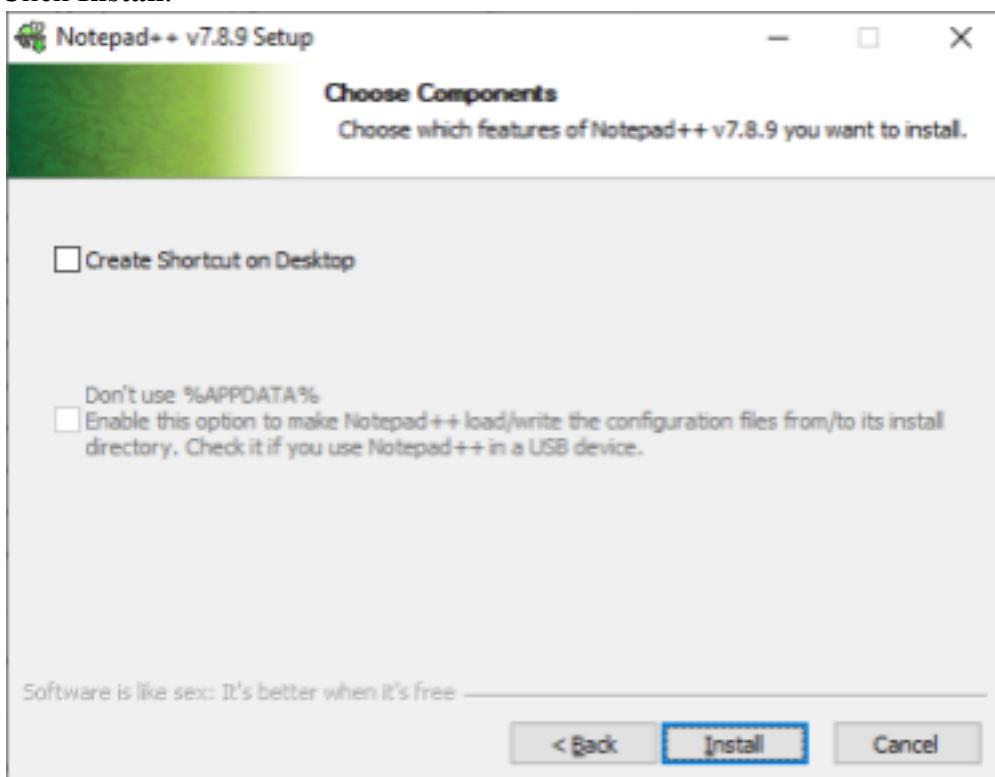
Click Next.



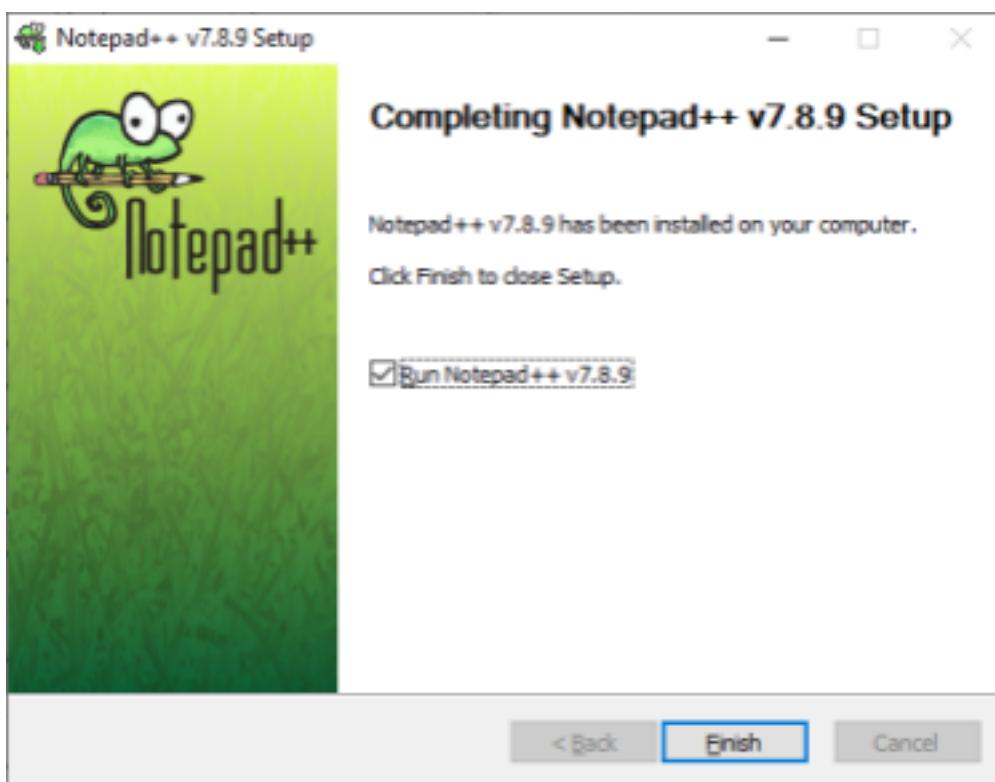
Click Next.



Click **Install**.

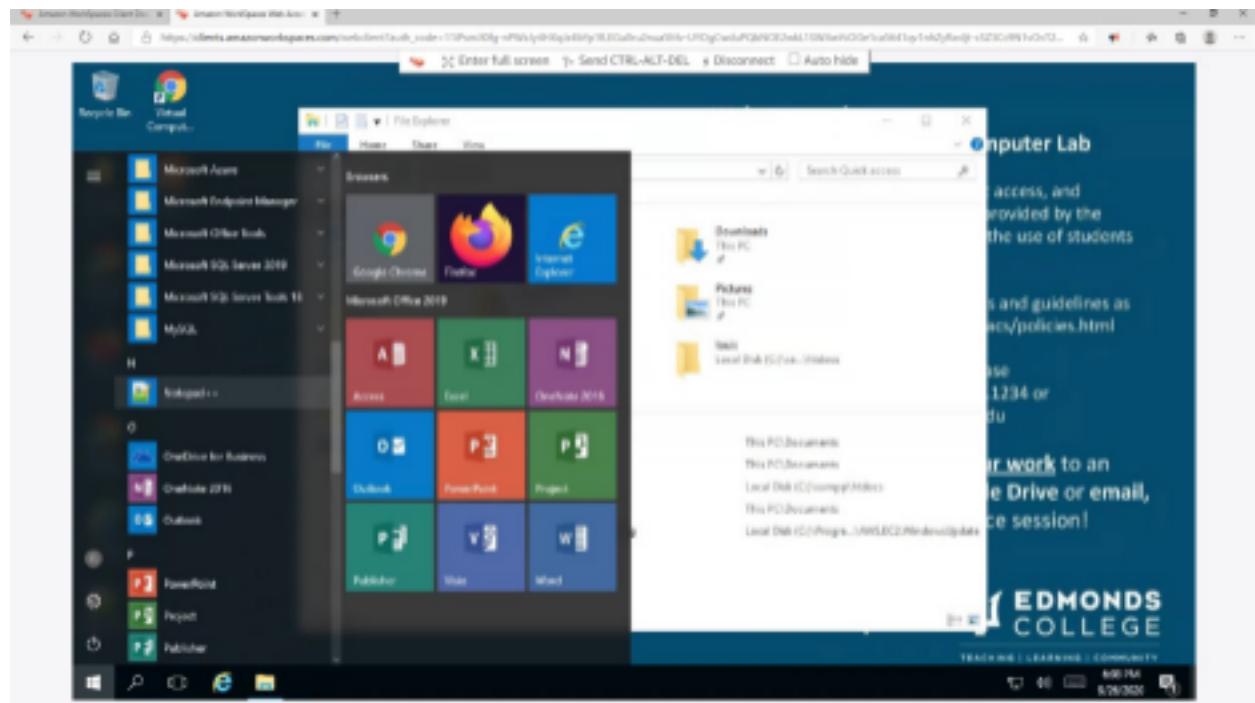


Click **Finish**.



Open Notepad++:

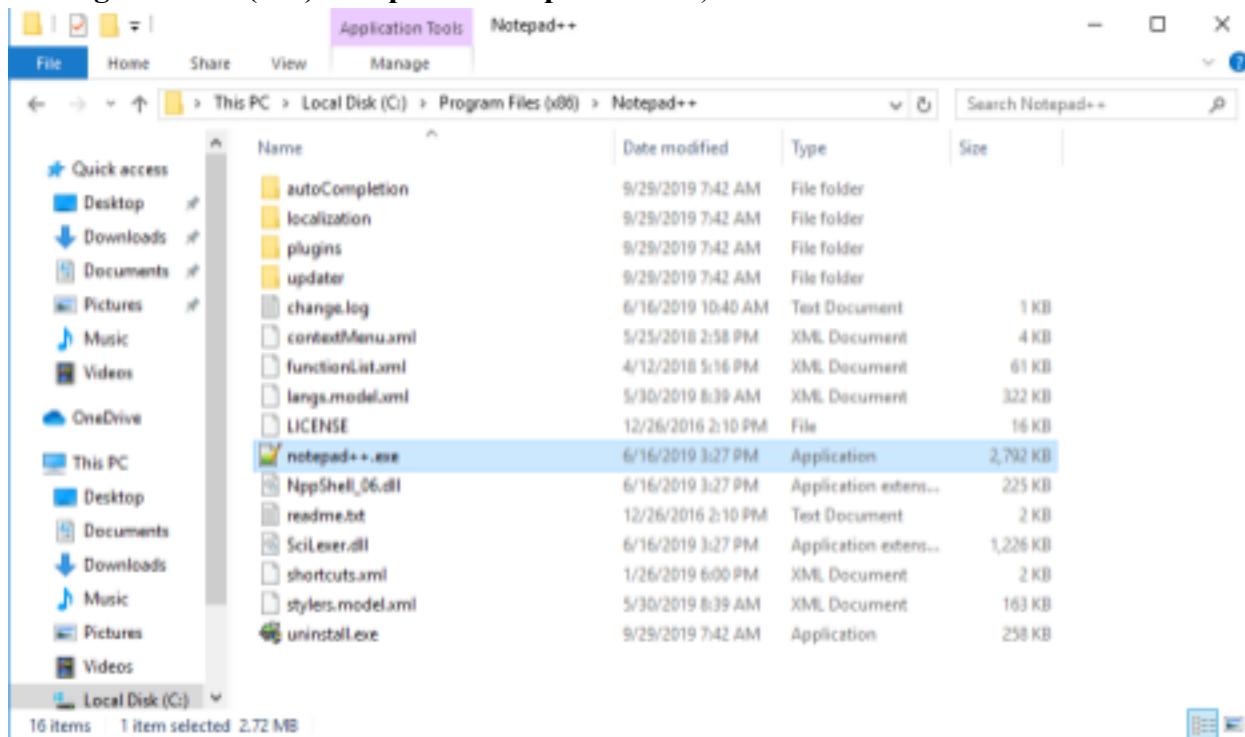
Click Start button > Notepad++.



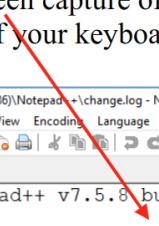
(Note:

Alternatively you can open **Windows Explorer** by opening

C:\Program Files (x86)\Notepad++\notepad++.exe.)



Take a screen capture of the **Notepad++** window (click **Alt+PrtScreen** or **PrtScreen** key on the top right of your keyboard).

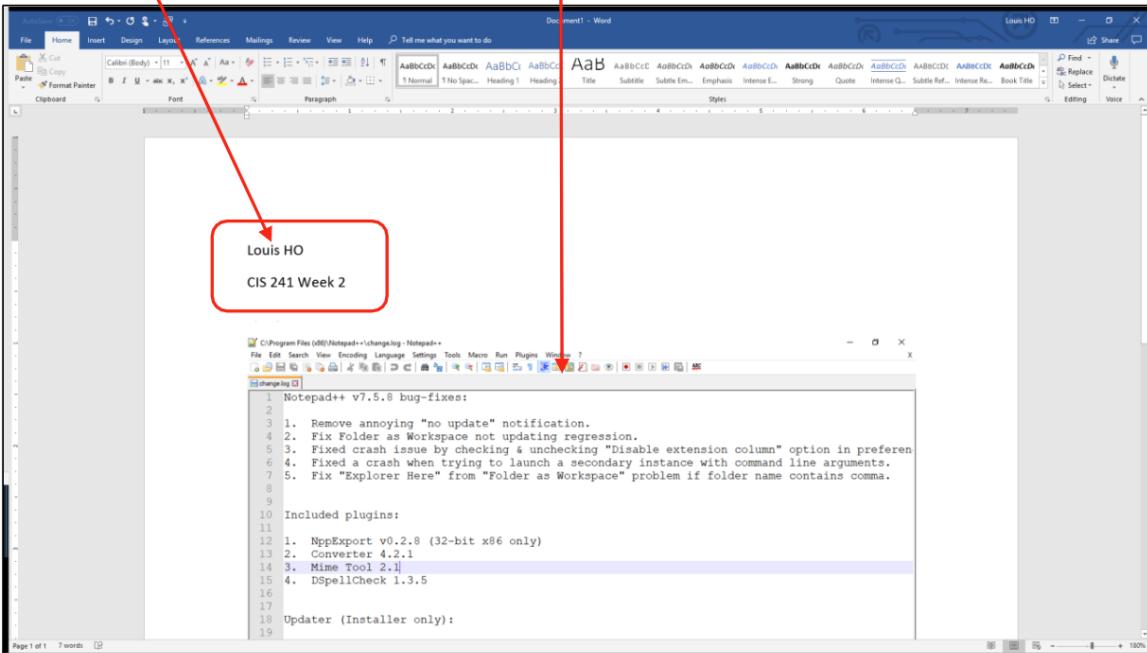


```
C:\Program Files (x86)\Notepad++\change.log - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
change.log
1 Notepad++ v7.5.8 bug-fixes:
2
3 1. Remove annoying "no update" notification.
4 2. Fix Folder as Workspace not updating regression.
5 3. Fixed crash issue by checking & unchecking "Disable extension column" option in preferences.
6 4. Fixed a crash when trying to launch a secondary instance with command line arguments.
7 5. Fix "Explorer Here" from "Folder as Workspace" problem if folder name contains comma.
8
9 Included plugins:
10
11 1. NppExport v0.2.8 (32-bit x86 only)
12 2. Converter 4.2.1
13 3. Mime Tool 2.1
14 4. DSpellCheck 1.3.5
15
16
17 Updater (Installer only):
18 * WinGup (for Notepad++) v5.0.2
21
```

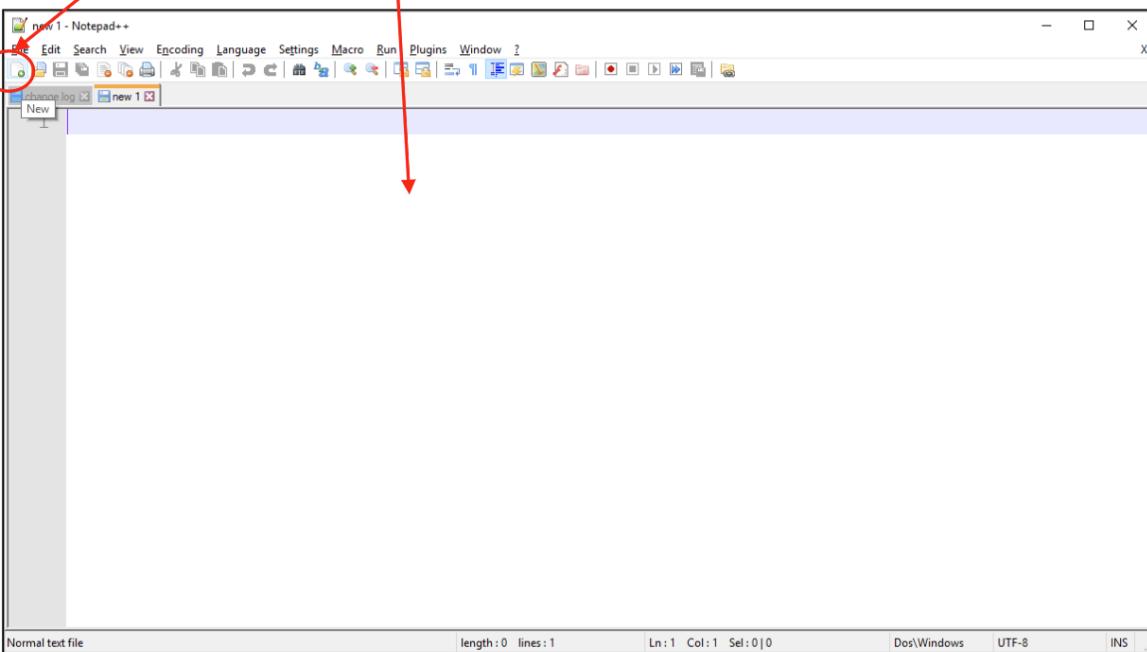
Normal text file length : 613 lines : 21 Ln : 14 Col : 18 Sel : 0 | 0 Windows (CR LF) UTF-8 INS

Screenshot 1: Click **PrtScreen** (or **Alt+PrtScreen**) to take a screen shot of the result and paste it in a **Microsoft Word** document. Submit the **Microsoft Word** document at the end of the labs through **Canvas** together with the screenshots of other exercises. Include the Screenshot number for each screenshot in the **Microsoft Word** document.

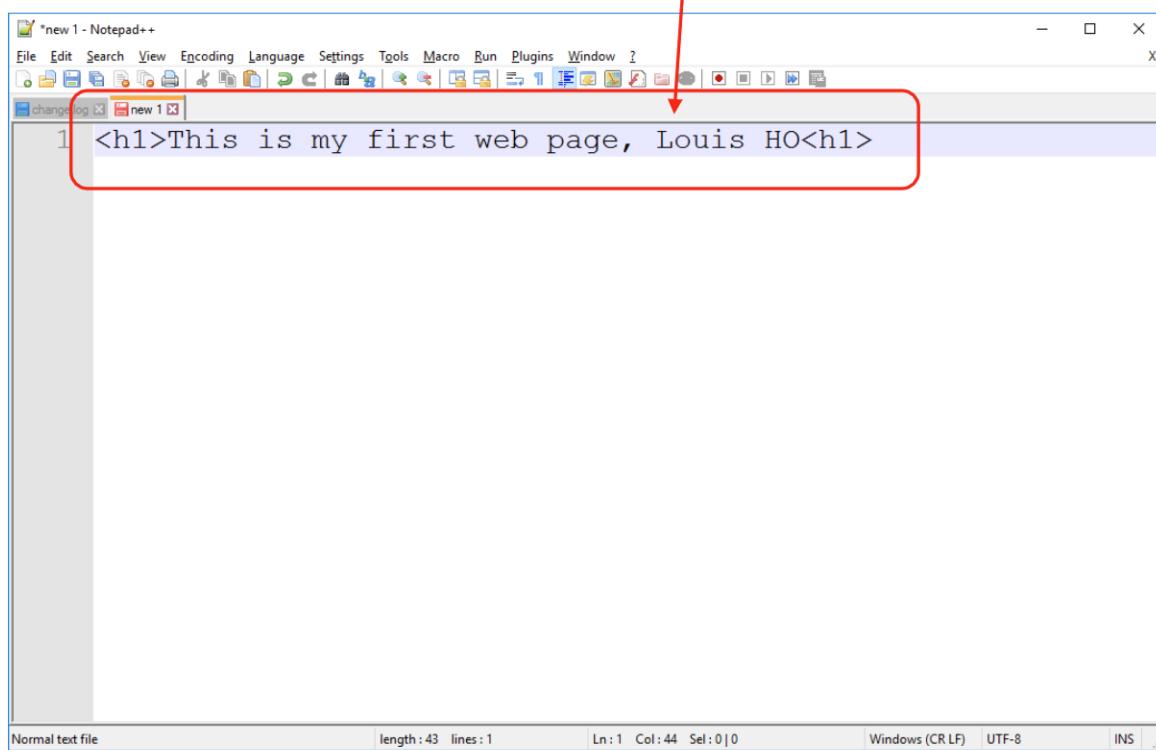
Open a **Microsoft Word** document and paste the screen shot (Type **Cntrl+V**) in the document. Type your name and the assignment name. Submit this document at the end of the assignments together with other screenshots in Canvas.



In **Notepad++**, click the **New** button to create a new document.



Type in the content of your first webpage (replace my name with yours!).

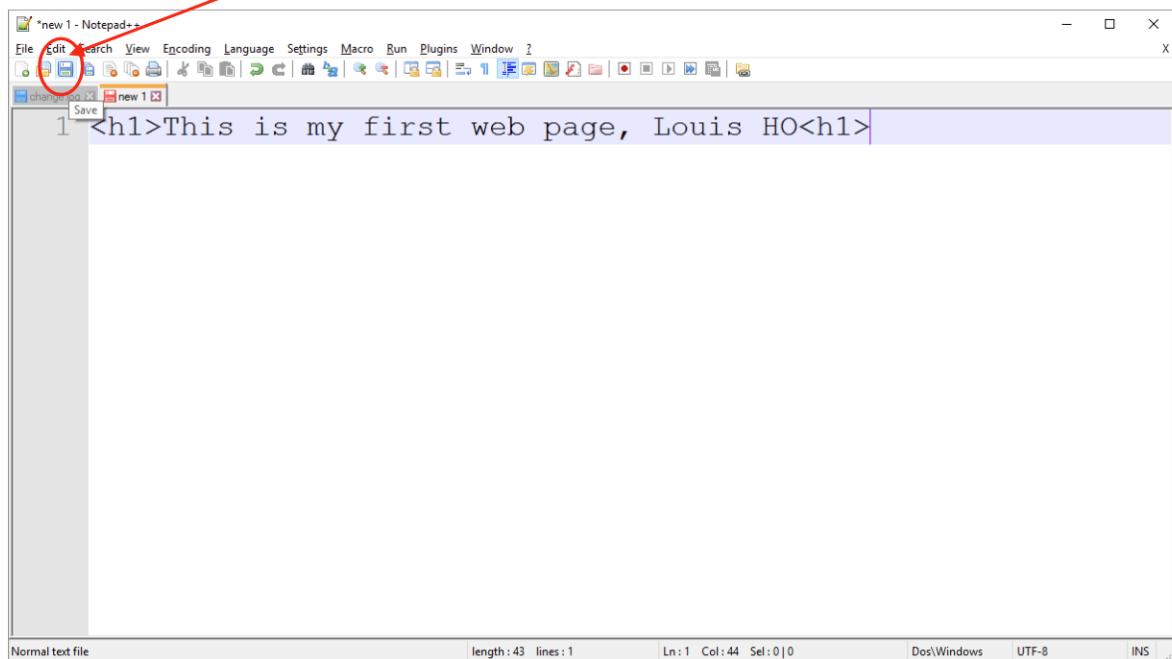


A screenshot of the Notepad++ application window. The title bar says "new 1 - Notepad++". The menu bar includes File, Edit, Search, View, Encoding, Language, Settings, Tools, Macro, Run, Plugins, Window, and Help. The toolbar below the menu has various icons for file operations like Open, Save, Find, and Copy. The main editor area contains the following HTML code:

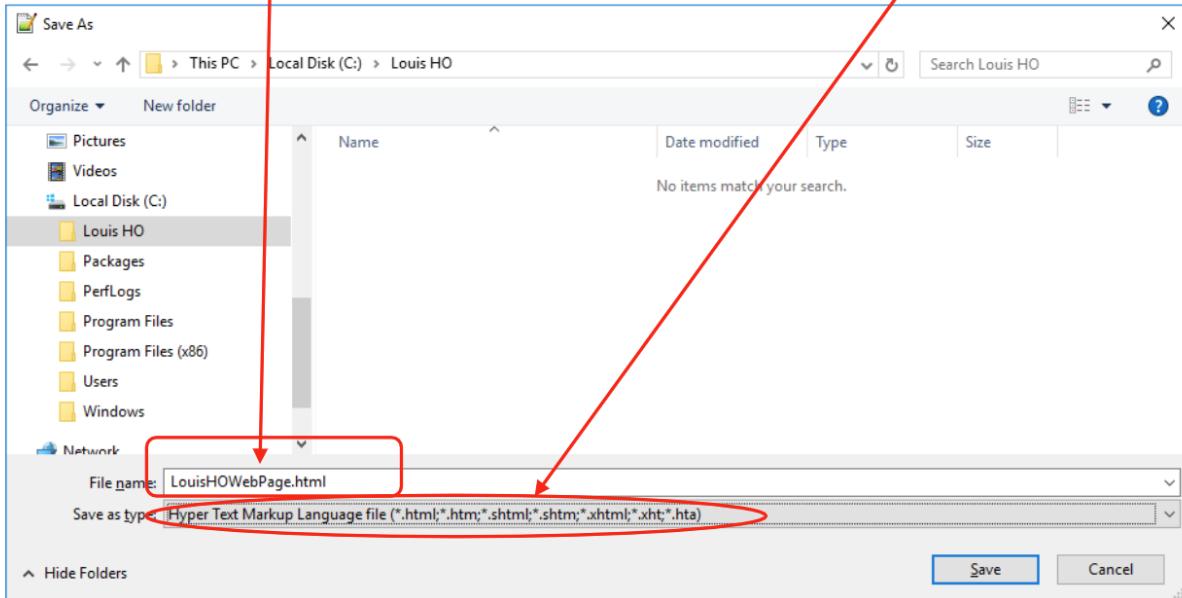
```
1 <h1>This is my first web page, Louis HO<h1>
```

The entire line of code is highlighted with a red box. A red arrow points from the text "Type in the content of your first webpage" down to the highlighted code in the editor.

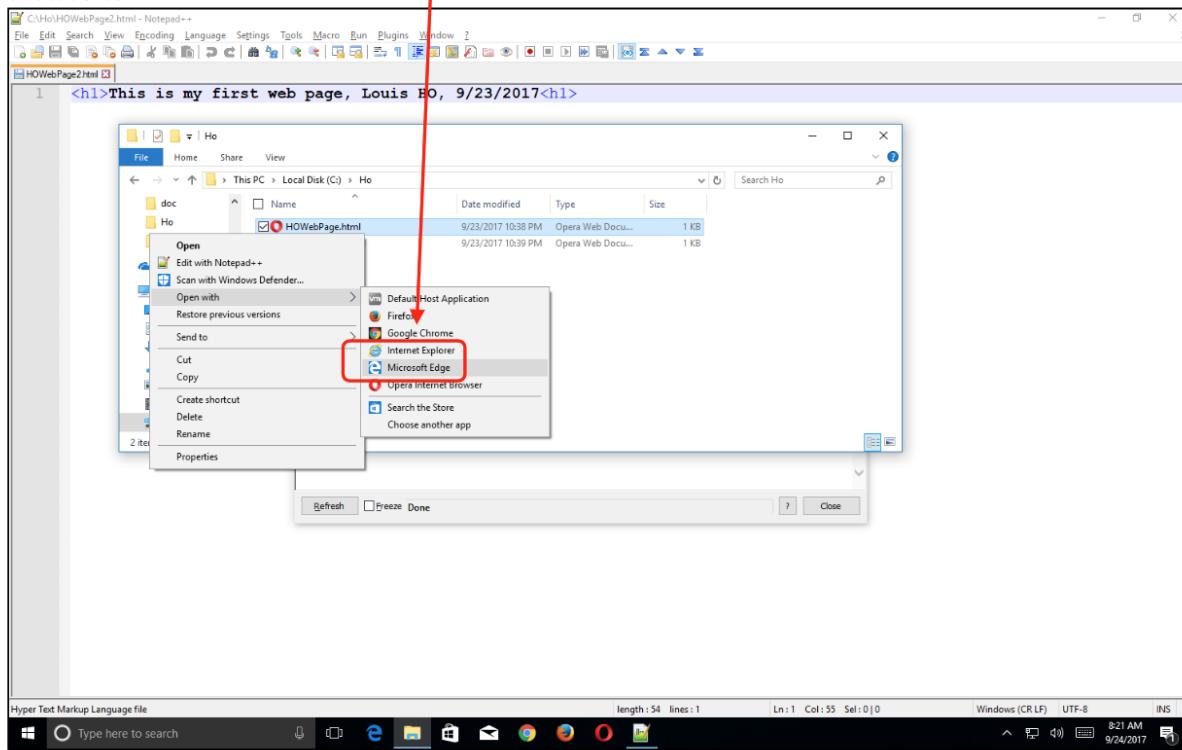
In Notepad++, click **File > Save as** to save the web page.



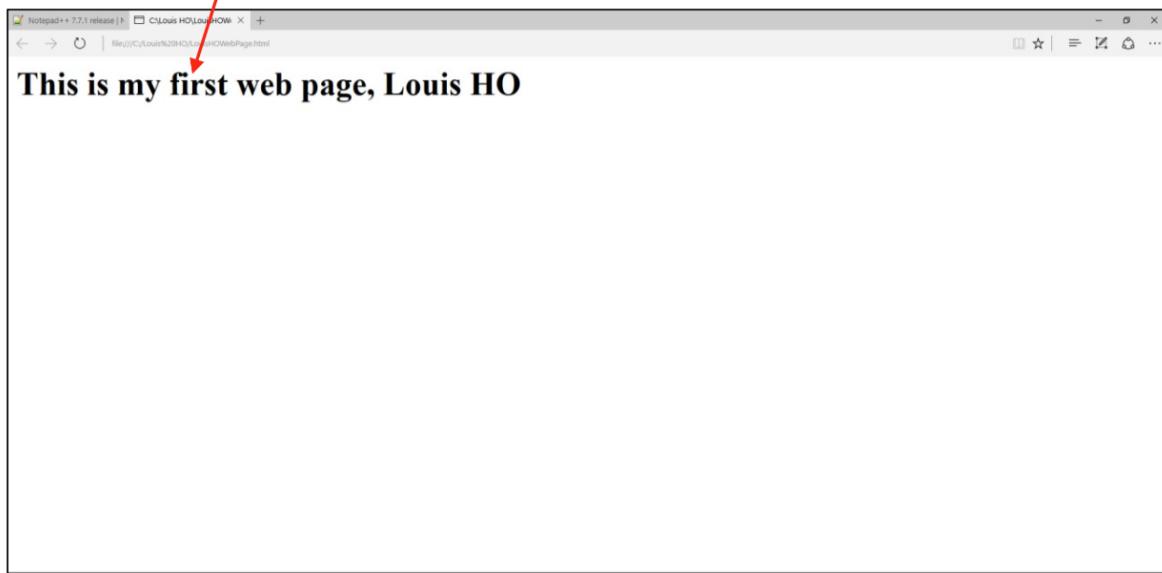
Save it as **YourNameWebPage.html** in a folder. (Choose the type **Hyper Text Markup Language** file type).



Right-click on your **HTML** file. Open your webpage with **Microsoft Edge** or other web browsers.



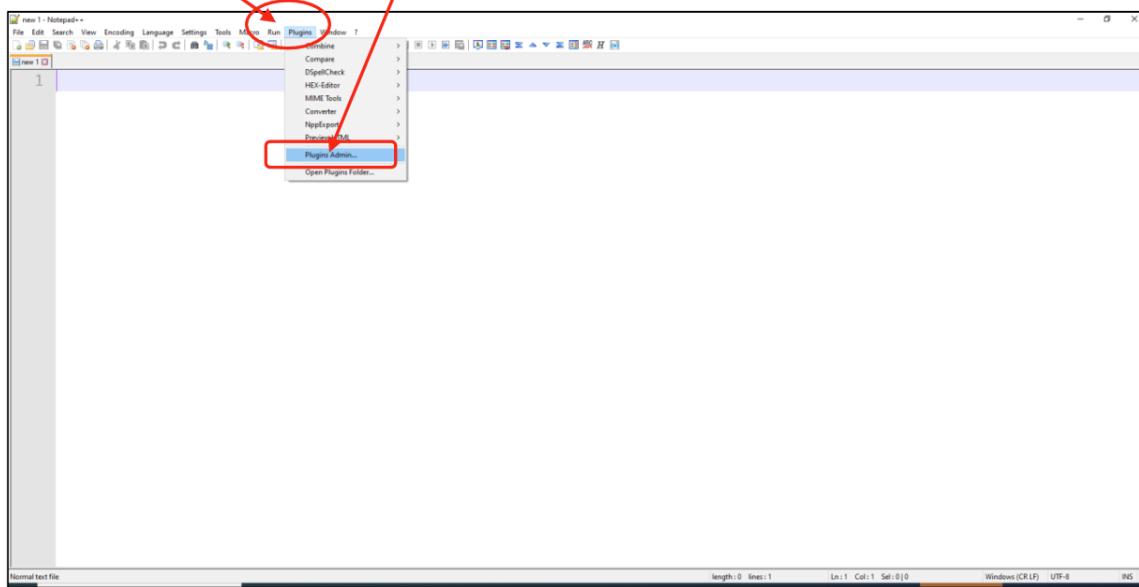
Your web page is displayed.



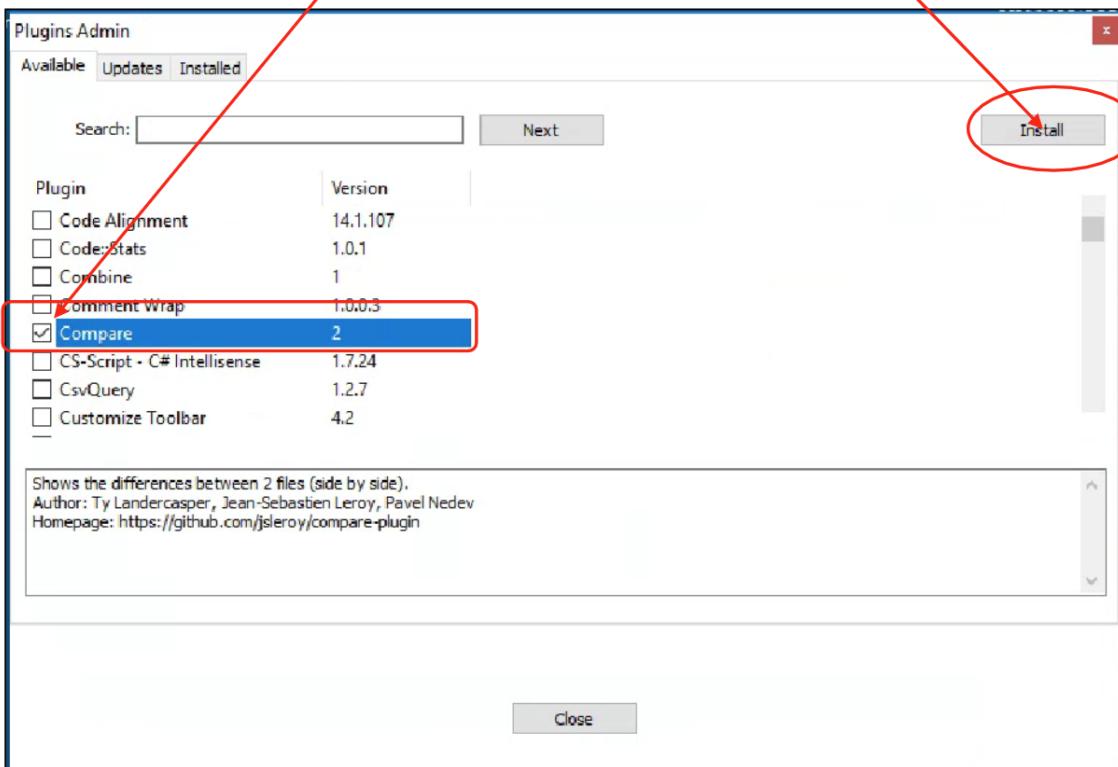
Screenshot 2: Click **PrtScreen** (or **Alt+PrtScreen**) to take a screen shot of the result and paste it in a **Microsoft Word** document. Submit the **Microsoft Word** document at the end of the labs through **Canvas** together with the screenshots of other exercises. Include the Screenshot number for each screenshot in the **Microsoft Word** document. **(Be sure to include your name in your screenshot!)**

Step 1. Week 2 - Lesson 1 Markup Language and Site Development Essential
Notepad++ Compare Plugin

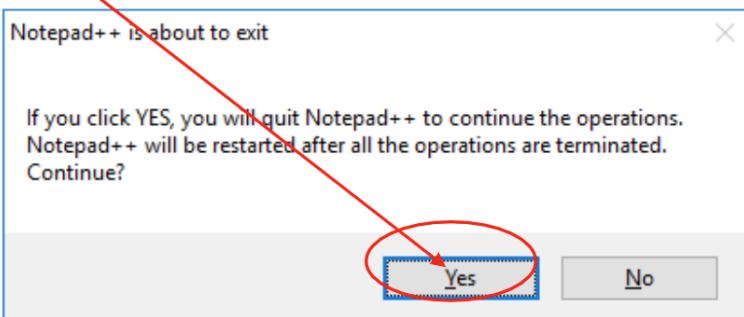
Click **Menu > Plugins > Plugins Admin.**



Scroll down and click on **Compare**. This plugin is useful to compare your current webpage with the previous version of your webpage during website development. Click **Install**.

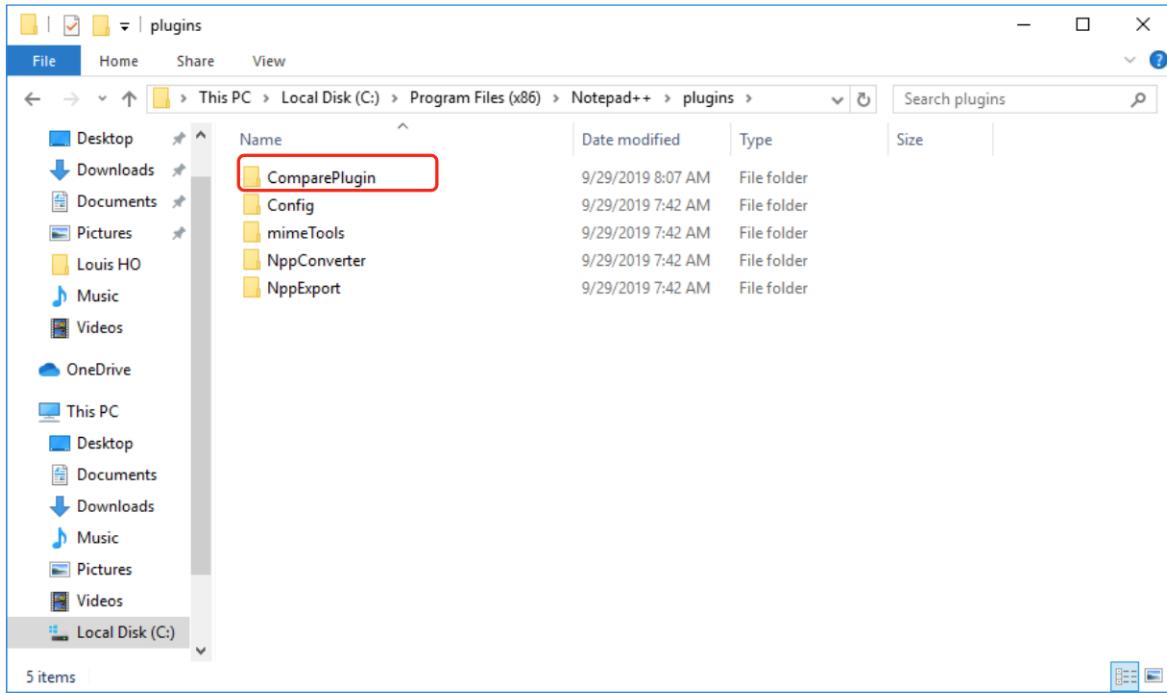


Click **Yes**.

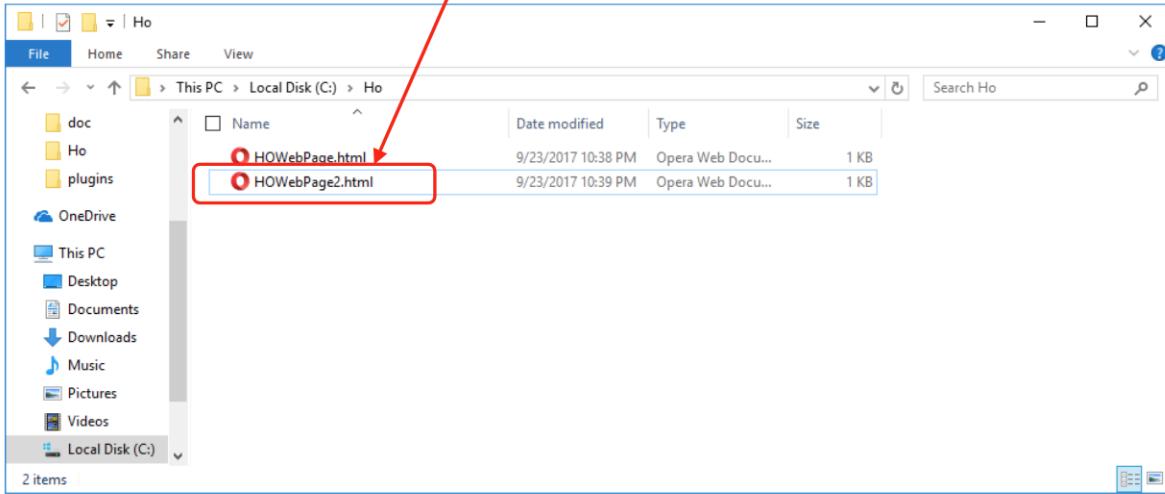


This will close and re-open Notepad++.

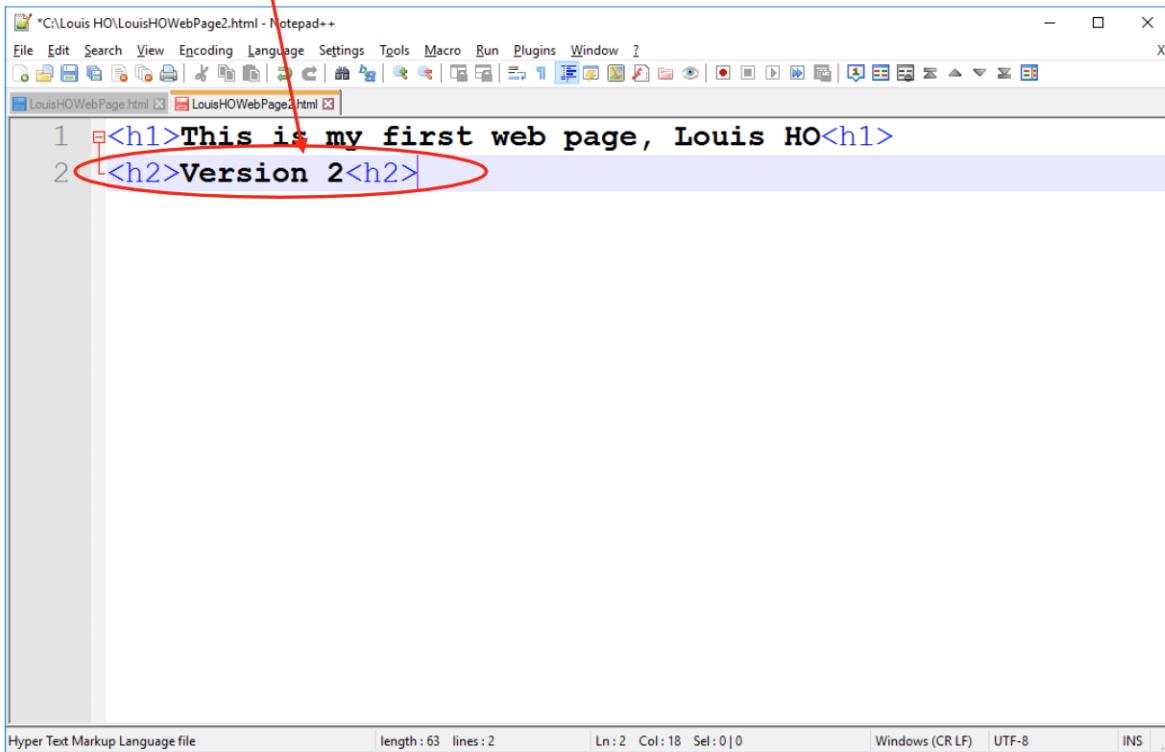
Note that **ComparePlugin.dll** is installed in Notepad++.



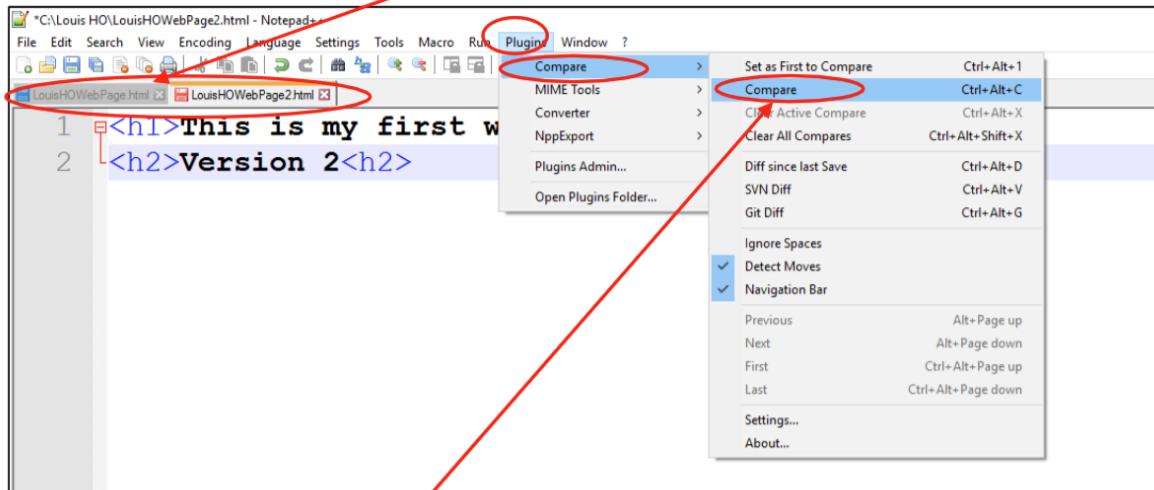
Create another file **YounameWebPage2.html** which contain modifications from **YounameWebPage.html**



Here I added the **Version 2** to the second webpage using Notepad++.

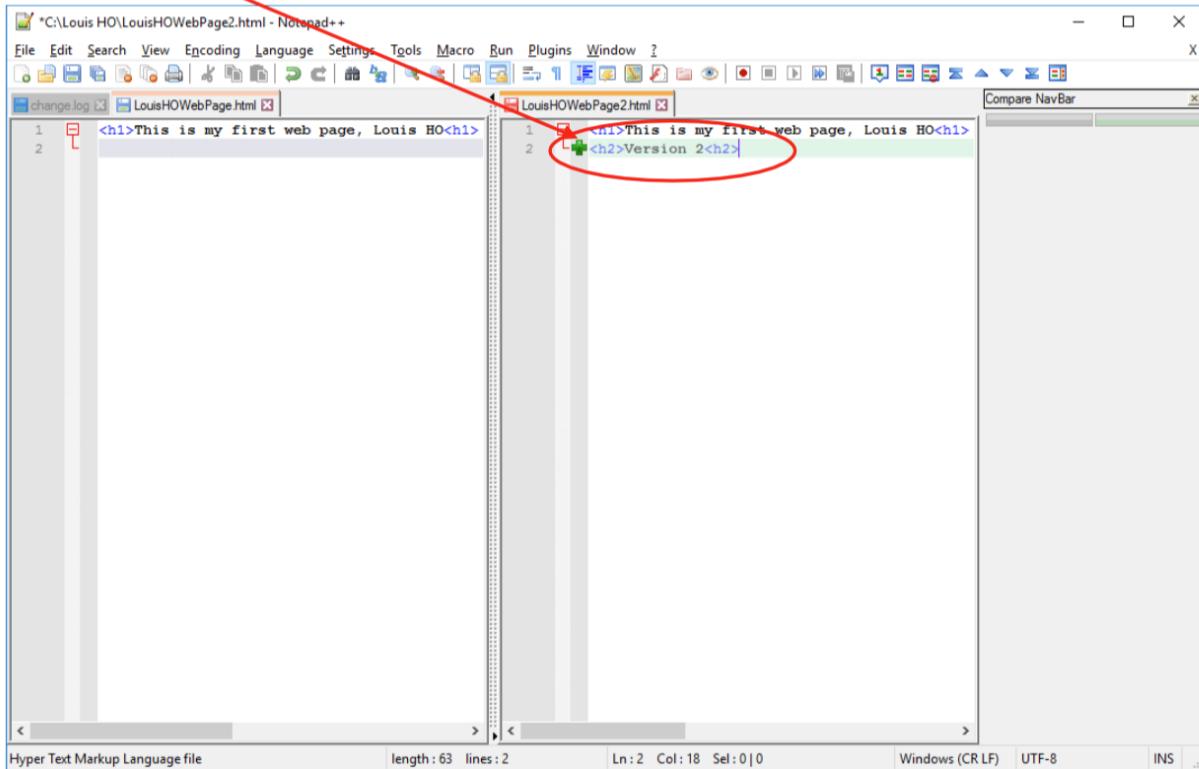


Make sure both the original webpage and the modified webpage are open in **Notepad++**.



Click **Plugin > Compare > Compare**.

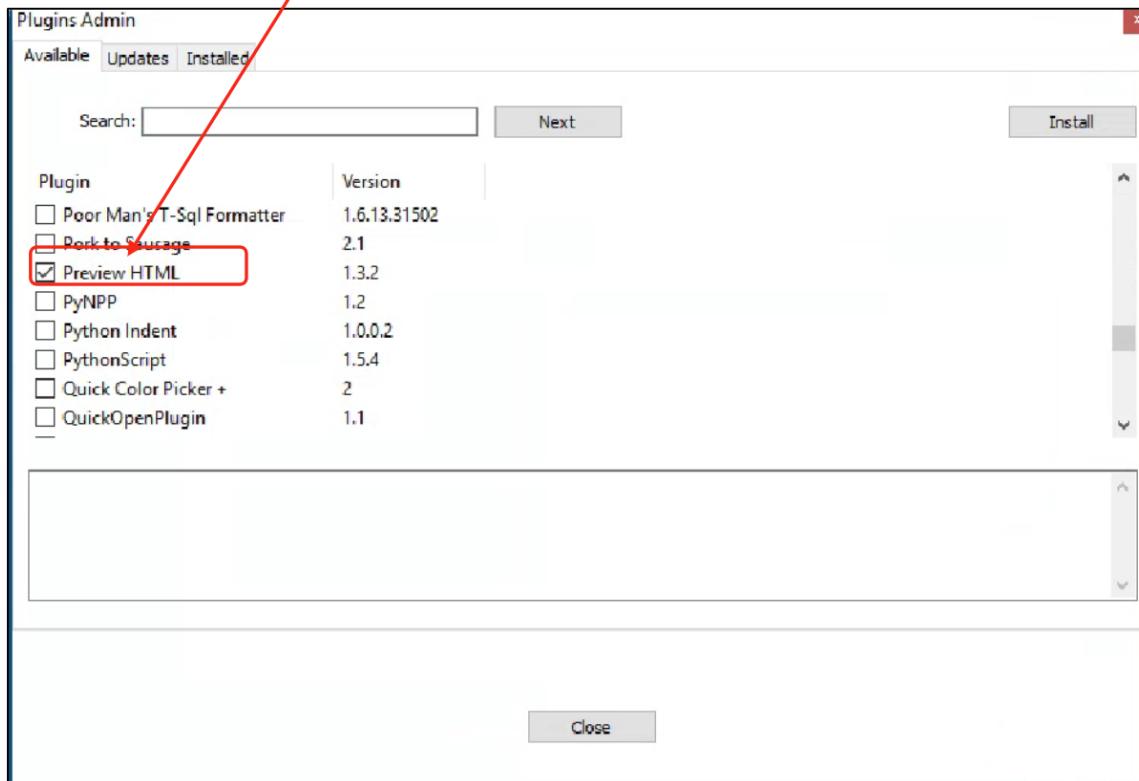
The difference between the two files are highlighted.



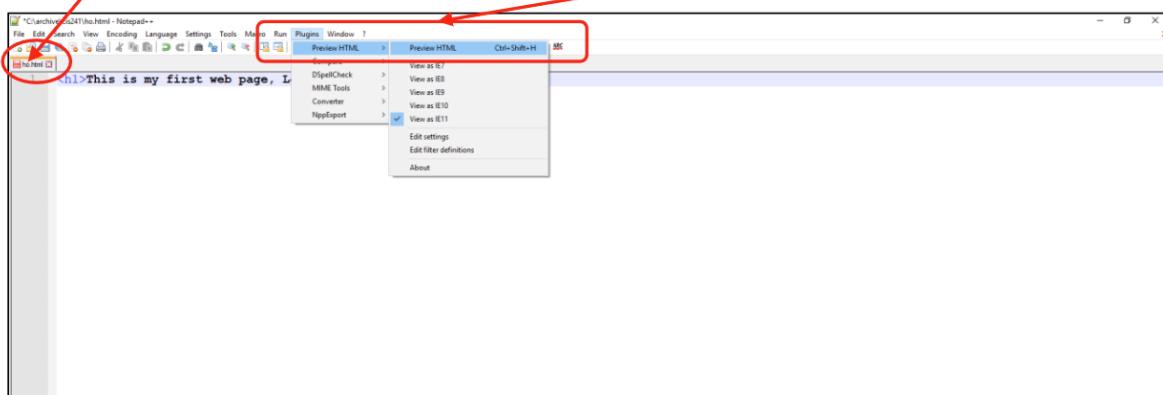
Screenshot 3: Click **PrtScreen** (or **Alt+PrtScreen**) to take a screen shot of the result and paste it in a **Microsoft Word** document. Submit the **Microsoft Word** document at the end of the labs through **Canvas** together with the screenshots of other exercises. Include the Screenshot number for each screenshot in the **Microsoft Word** document. (*Be sure to include your name in your screenshot!!!*)

Step 1. Week 2 - Lesson 1 Markup Language and Site Development Essential
Challenge: Install Preview HTML plugin in Notepad++

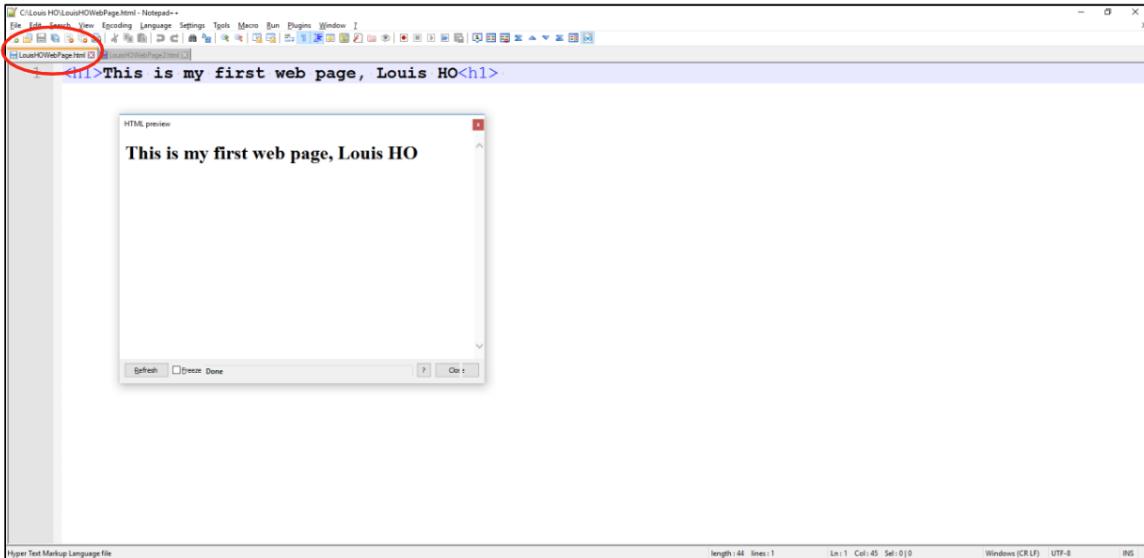
Challenge: Install **Preview HTML** plugin in **Notepad++**. This plugin is useful in previewing your web page inside **Notepad++**.



After you install the plugin, click **Plugins > Preview HTML > Preview HTML** to display your original webpage.

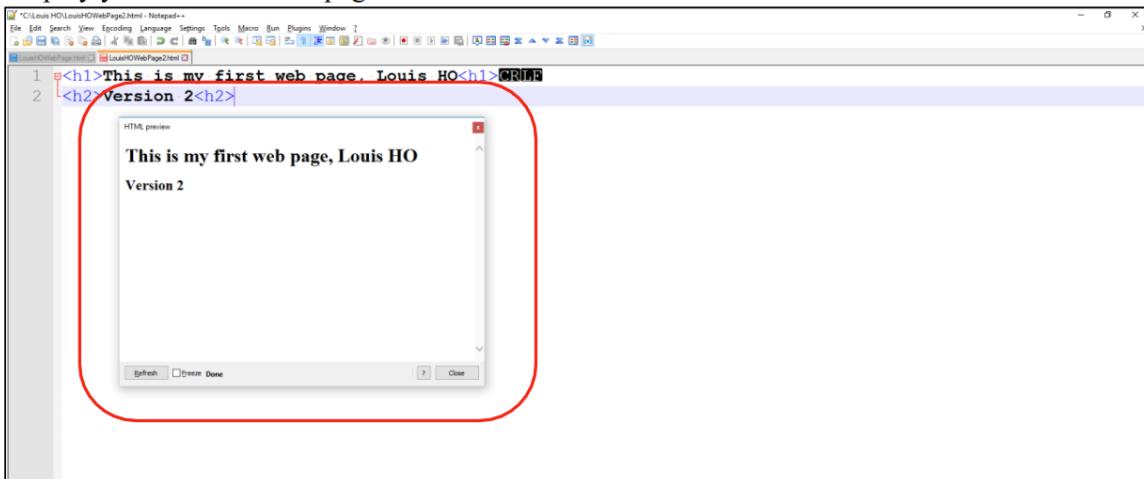


Your original webpage is shown.



Screenshot 4: Click **PrtScreen** (or **Alt+PrtScreen**) to take a screen shot of the result and paste it in a **Microsoft Word** document. Submit the **Microsoft Word** document at the end of the labs through **Canvas** together with the screenshots of other exercises. Include the Screenshot number for each screenshot in the **Microsoft Word** document. (**Be sure to include your name in your screenshot!!!.**)

Display your modified webpage.



Screenshot 5: Click **PrtScreen** (or **Alt+PrtScreen**) to take a screen shot of the result and paste it in a **Microsoft Word** document. Submit the **Microsoft Word** document at the end of the labs through **Canvas** together with the screenshots of other exercises. Include the Screenshot number for each screenshot in the **Microsoft Word** document. (**Be sure to include your name in your screenshot!!!.**)

Submit your lab in Canvas:

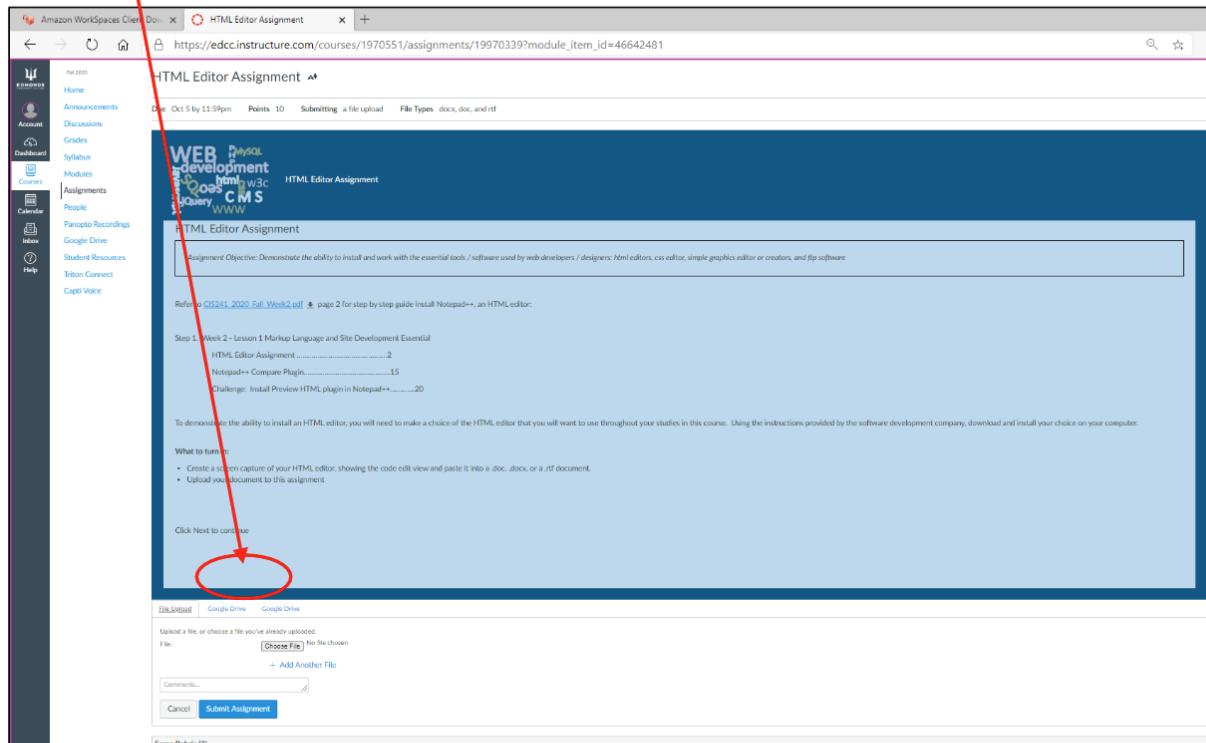
Open Modules > Week 2 > Labs > HTML Editor Assignment page.

The screenshot shows the Canvas course interface. On the left is a vertical sidebar with icons for Account, Dashboard, Courses, Calendar, Inbox, Help, and a magnifying glass. The main area displays the 'Week 2 - Lesson 1 Markup Language and Site Development Essentials' module. The 'Labs' section contains one item: 'HTML Editor Assignment' (Oct 7 | 10 pts), which is highlighted with a red box and has a red arrow pointing to it from the top right. Other sections include 'READ:', 'COMPLETE:', 'Activities', 'Discussions', and 'Quizzes'. Below the module is another section titled 'Week 3 - Lesson 2 HTML5 Coding, 10/7/2019 Monday'.

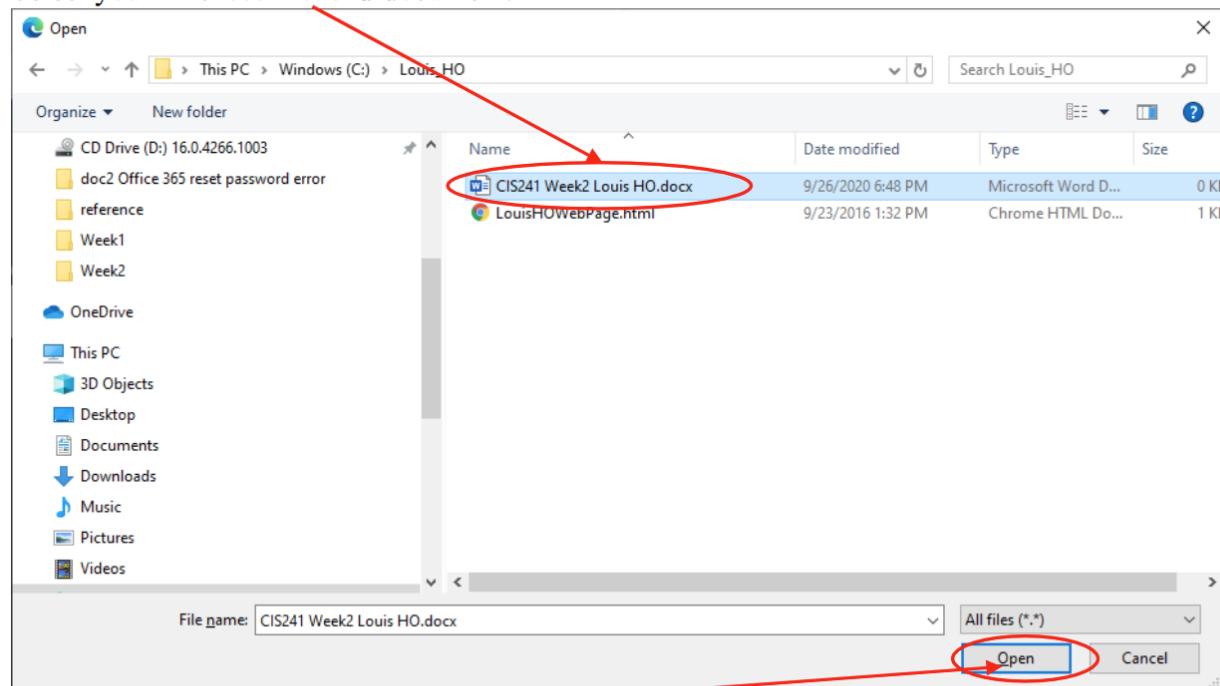
Click Submit Assignment.

The screenshot shows the 'HTML Editor Assignment' assignment page. The left sidebar includes 'Full 2020', 'Home', 'Announcements', 'Discussions', 'Grades', 'Syllabus', 'Modules', 'Assignments' (which is selected and highlighted in blue), 'People', 'Panopto Recordings', 'Google Drive', 'Student Resources', 'Triton Connect', and 'Capit Voice'. The main content area shows the assignment details: 'HTML Editor Assignment' (Due Oct 5 by 11:59pm, Points 10, Submitting a file upload, File Types docx, doc, and rtf). A red arrow points from the top right to the 'Submit Assignment' button, which is circled in red. Below the button is a large blue box containing a 'WEB development' logo and the assignment title. The assignment description states: 'Assignment Objective: Demonstrate the ability to install and work with the essential tools / software used by web developers / designers: html editors, css editor, simple graphics editor / creators, and ftp software'. It also refers to a PDF guide and lists steps 1 through 3.

Click **Choose File** to select your **Microsoft Word document** to upload.



Select your **Microsoft Word document**.



Click **Open**.

Click **Submit Assignment** to upload your Microsoft Word document for grading.

The screenshot shows a web browser window titled "HTML Editor Assignment". The URL is https://edc.instructure.com/courses/1970551/assignments/19970339?module_item_id=46642481. The page displays assignment instructions and a file upload form. A red circle highlights the "Submit Assignment" button at the bottom of the form.

HTML Editor Assignment

Due: Oct 5 by 11:59pm Points: 10 Submitting a file upload File Types: docx, doc, and rtf

HTML Editor Assignment

Assignment Objective: Demonstrate the ability to install and work with the essential tools / software used by web developers / designers: html editors, css editor, simple graphics editor or creator, and ftp software

Refer to CIS241_2020_Fall_Week2.pdf page 2 for step by step guide install Notepad++, an HTML editor.

Step 1. Work 2 - Lesson 1 Markup Language and Site Development Essential

HTML Editor Assignment	2
Notepad++ Compare Plugin	15
Challenge: Install Preview HTML plugin in Notepad++	20

To demonstrate the ability to install an HTML editor, you will need to make a choice of the HTML editor that you will want to use throughout your studies in this course. Using the instructions provided by the software development company, download and install your choice on your computer.

What to turn in:

- Create a screen capture of your HTML editor, showing the code edit view and paste it into a .doc, .docx, or a .rtf document.
- Upload the document to this assignment.

Click Next to continue

File Upload Google Drive Google Drive

Upload a file, or choose from your already uploaded file: Choose File: CIS241 Week2..oh HD.docx Add Another File

Cancel Submit Assignment