

Day 2 Workshop Lab Manual

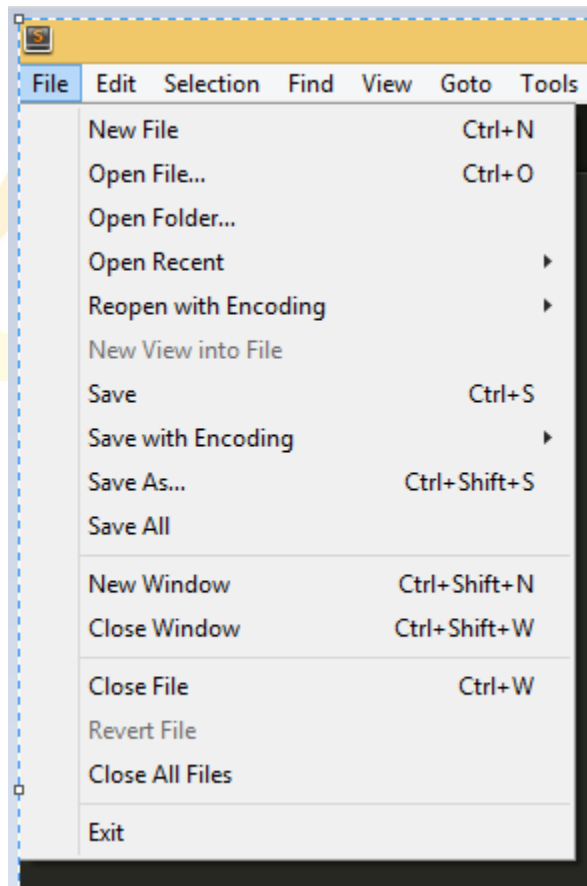
Description: This lab manual will guide you to install required software, create your web application directory structure, create new html document, save it and view saved document.

1. Development Environment Setup – Initial Software Requirement

- Download Sublime Text editor for your OS (operating system) from the URL - <https://www.sublimetext.com/3>
- Install Sublime by using **downloaded setup** option.
- Install Chrome/ Mozilla Firefox web browser to view html pages.

2. Create Project Folder Structure

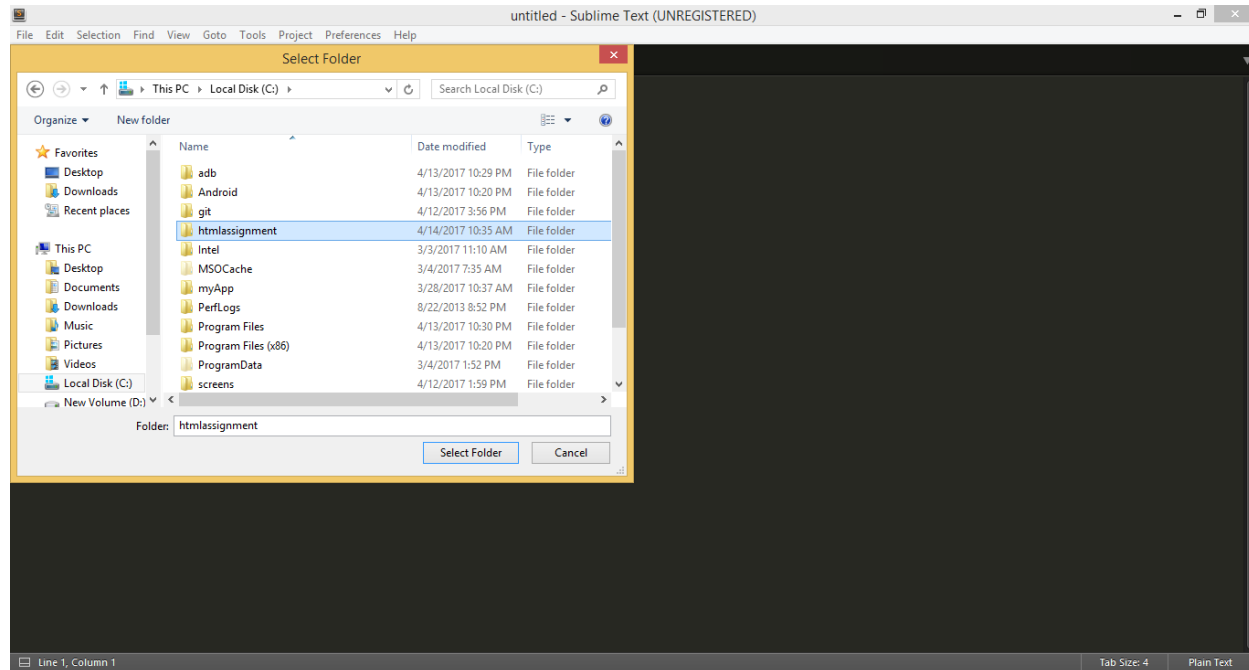
- Create a folder “**htmlassignment**” in “**workspace**” folder as it was created using GIT manual.
- Open Sublime text editor.
- Click on **File** menu and you will see screen as shown below-



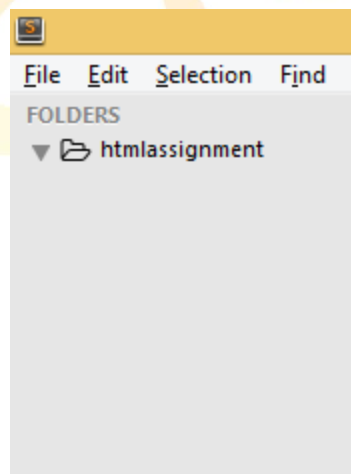
- Click on **Open Folder** menu and browse to select your “**htmlassignment**” folder you have created in above step.

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- e. Select “**htmlassignment**” folder and click on “**Select Folder**” button. Now the folder will appear in Sublime –

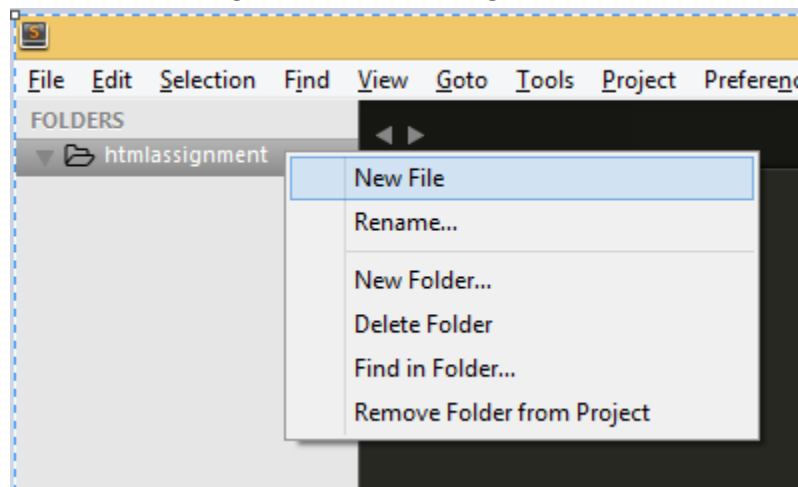


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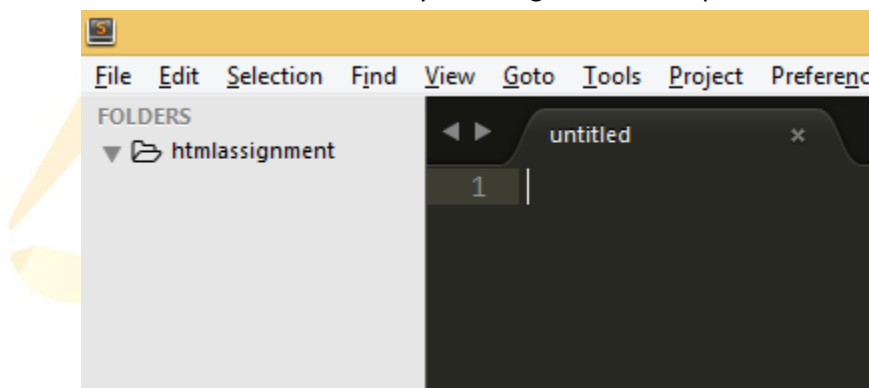
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3. Creating basic html document structure in index.html

- a. To create new file, right click on “htmlassignment” folder as shown below



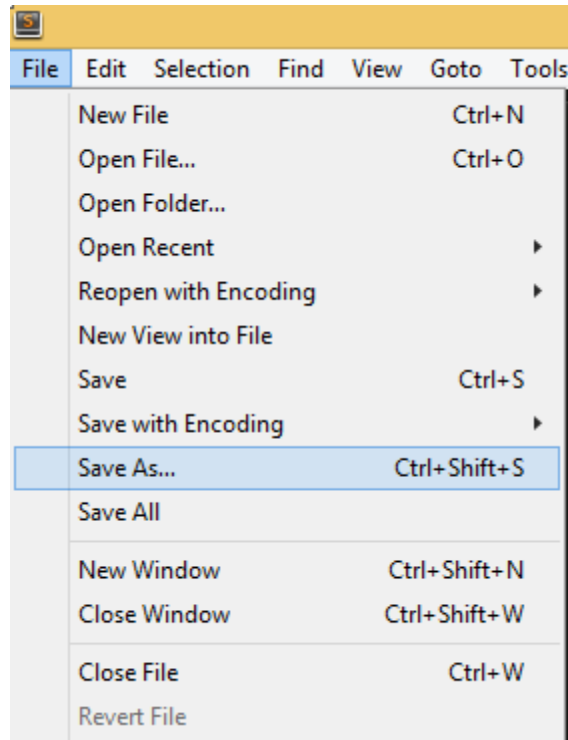
- b. Create “Untitled” document by selecting “New File” option as shown here.



- c. To save the file, go to **File** menu and then click on “Save As” option as shown below

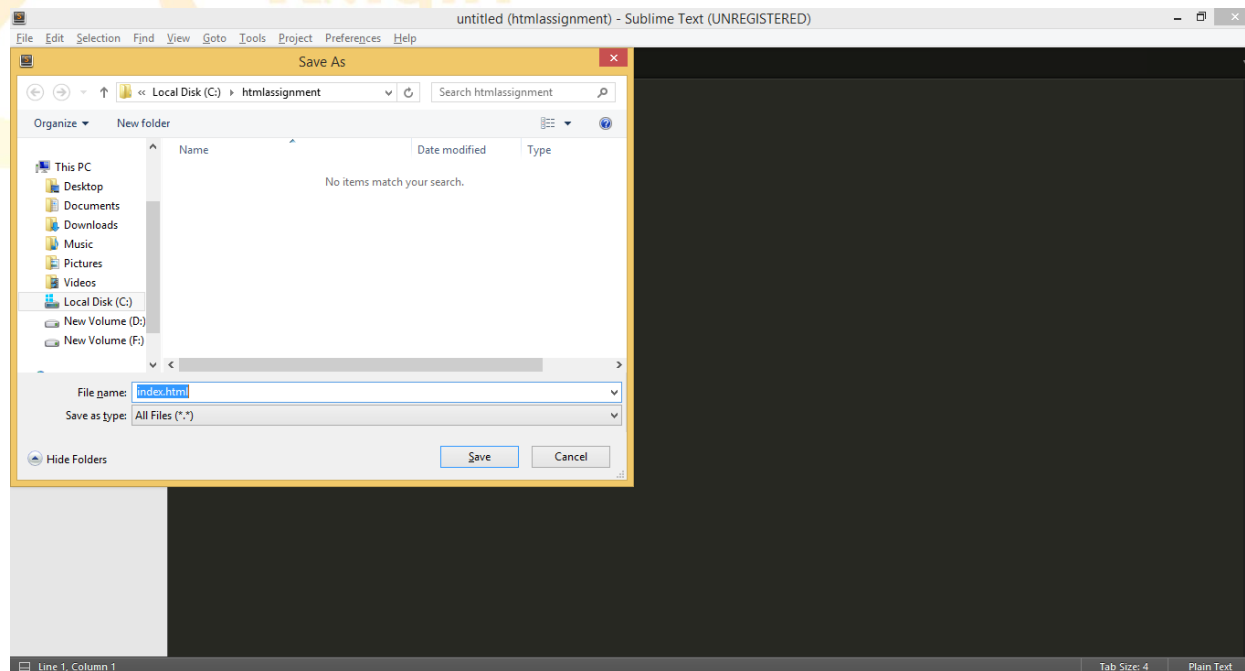
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You can also use “**Ctrl+Shift+S**” as keyboard shortcut.

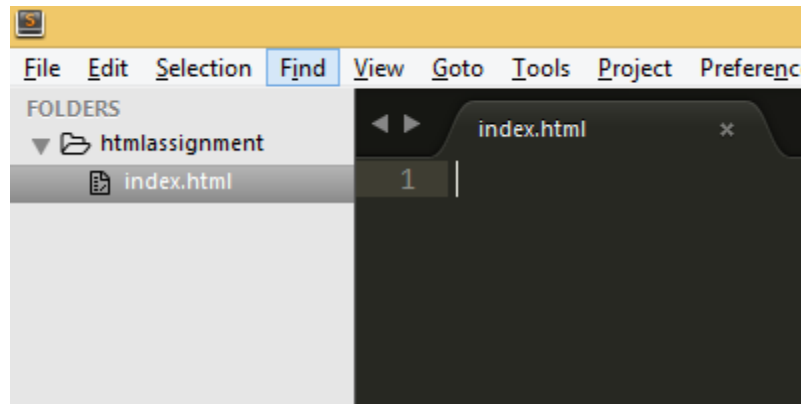
d. Name the file as “index.html” and click on **save** button.



e. Now you will see **index.html** file in Sublime as shown below

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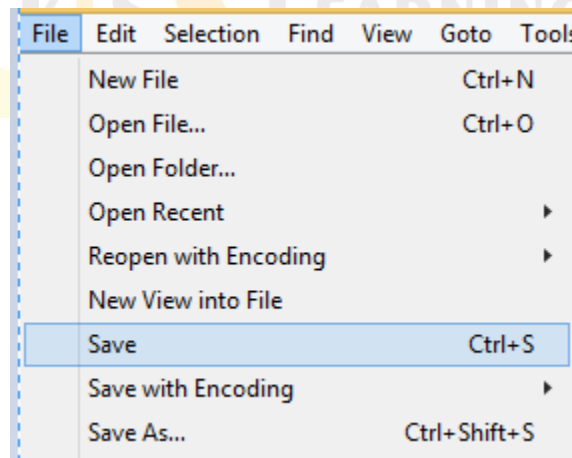
- f. Now we will start creating **HTML** structure in index.html. First write **HTML** opening(ON) tag and closing(OFF) tags as

```
<html>
```

```
</html>
```



- g. To save **index.html**, click on **File** menu and then click on **Save** option as below



You can use "**Ctrl+S**" as keyboard shortcut key. Always keep saving the file as soon as you write any command.

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- h. Now add **HEAD** tag inside **HTML** tag in **index.html** as shown below and save your file.



```
1 <html>
2   <head>
3
4   </head>
5
6 </html>
```

- i. Add **BODY** tag inside **HTML** tag in **index.html** as shown below and save your file.



```
1 <html>
2   <head>
3
4   </head>
5   <body>
6
7   </body>
8 </html>
```

- j. Then add **TITLE** tag inside **HEAD** tag in **index.html** as shown below and save your file.



```
1 <html>
2
3 <head>
4   <title>
5   |
6   </title>
7 </head>
8 <body>
9
10 </body>
11
12 </html>
```

- k. Now, type “**My First Webpage**” within the <title> tag.

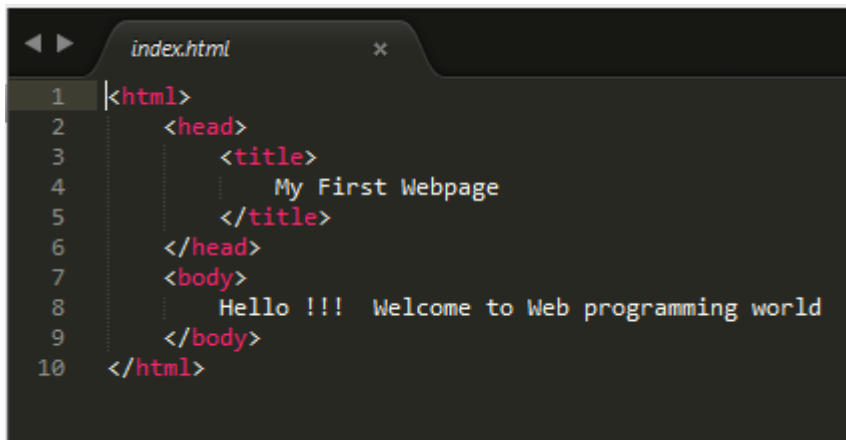
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```
1 <html>
2   <head>
3     <title>
4       My First Webpage
5     </title>
6   </head>
7   <body>
8
9   </body>
10 </html>
```

- I. Now add welcome message “**Hello!!! Welcome to Web programming world**” inside **BODY** tag in index.html as given below and save your file.



```
1 <html>
2   <head>
3     <title>
4       My First Webpage
5     </title>
6   </head>
7   <body>
8     Hello !!! Welcome to Web programming world
9   </body>
10 </html>
```

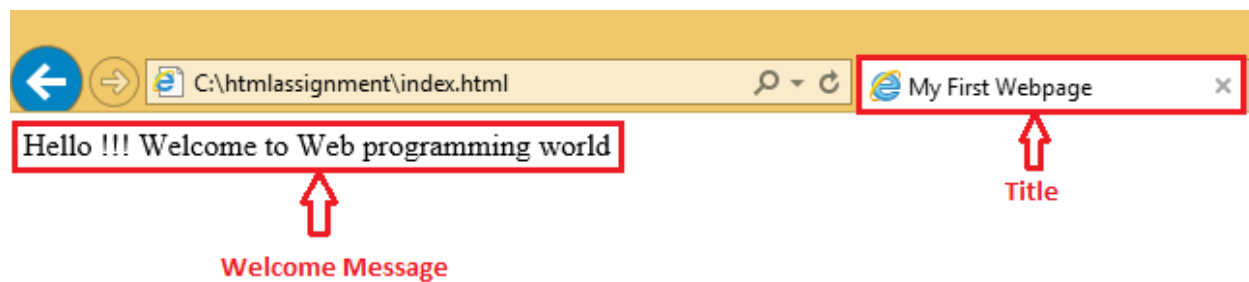
4. Congratulations!!!! You have created basic html document structure successfully. Now it's time to view the work you have done.
- Go to the folder “**htmlassignment**” directory using file browser.
 - Double click on **index.html**
 - File will open in your default web browser as given below

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d) You will notice that title and welcome message given by you will be displayed in web page as shown below



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