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|  |  | **Introduction to HTML** |  |

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| **Your Tasks** |
| * Describe the purpose of HTML * Create an index page * Watch the video on how to use HTML * Practice with HTML * Add HTML to your index page * Show your webpage to Ms. Pluska to receive credit for this activity |

**Describe the Purpose of HTML**

We'll begin our study of web programming by learning the core language for writing web pages: Hypertext Markup Language (HTML). HTML describes the contents of your page, such as headings, paragraphs, images, and lists.

The version of HTML we will learn is the latest and most standard, called HTML5. The pages you will write will work in any modern browser.

**Create an index Page**

The landing page for all websites is called the index page. When you navigate to zofia.org for example, inside the main website directory there is a page called index. The browswer searches for this page and displays the contents.

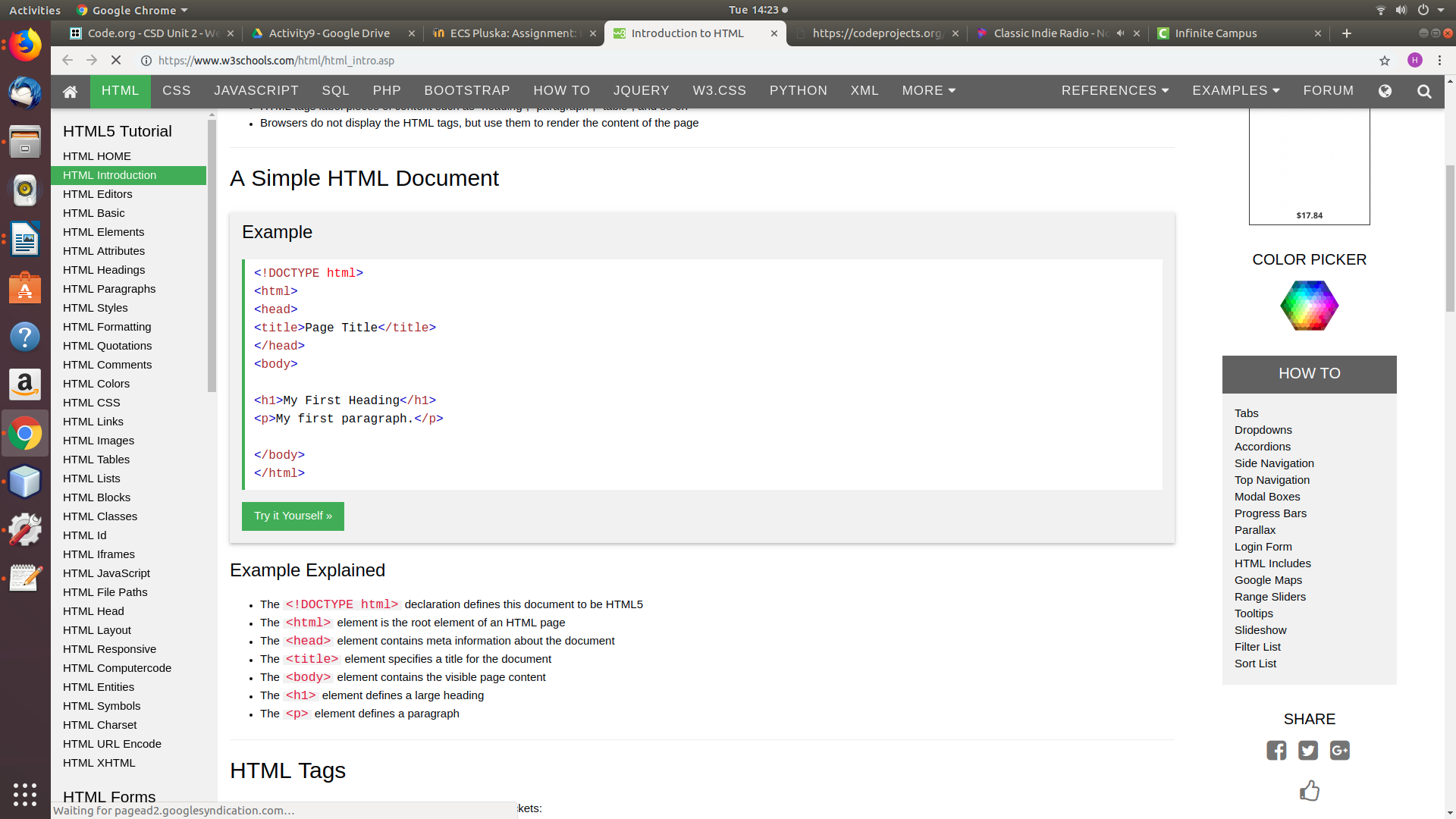
Follow the instructions below to create your index page.

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| On the desktop of your computer create a new folder called “Website”. You can do this by right clicking on your desktop and selecting “New Folder” |  |
| Navigate into the folder you just created.  Locate the waffle in the lower left corner of your screen and click on it. |  |
| In the search field type “text” to locate the text editor,  Click on the Text Editor to open it up. |  |
| To save your your text file, locate the button with the three lines in the top right portion of the screen, then select the Save As option. |  |
| Select the location by navigating to the Website directory you just created.  Change the name of the file to index.html  The click the save button. |  |

**Watch the Video on how to use HTML**

Navigate to the following link to learn how to to use HTML to add structure to your webpage

<https://youtu.be/Hjl6gbg9kmk>

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**Practice with HTML**

To the right is a sample HTML code block. To view this code block live go to,

<https://www.w3schools.com/html/html_intro.asp>

Look at the example on W3Schools and read the explaination.

Once you have done this click the "Try yourself button" and practice changing some of the markup. Try using different header tags like H1, H2, etc. Try omitting close tags. Try including errors in your code.

**Add HTML to your index page**

Cut and paste the code from the “Try yourself” editor at W3Schools into your index.html page you just created.

Save the file and close it.

Now, navigate to your index.html file and double click on it to open it. You just made a webpage!

**Define key vocabulary**

In the webpage you just created, create a header 1 called key vocabulary.

Beneath this header define the following terms. Each term should be defined it is own paragraph tags.

HTML

HTML Element

HTML Tag

Website Content

Website Structure

**Show your webpage to Ms. Pluska to receive credit for this activity**

Once you have completed the above, show your page to Ms. Pluska to receive credit for this activity