**Introduction to Colabs**

* *google CoLabs*
  + [*https://colab.research.google.com/*](https://colab.research.google.com/)
  + *colabs introduction*
    - [*https://www.marqo.ai/blog/getting-started-with-google-colab-a-beginners-guide*](https://www.marqo.ai/blog/getting-started-with-google-colab-a-beginners-guide)
  + *colabs markdown introduction*
    - [*https://colab.research.google.com/github/Tanu-N-Prabhu/Python/blob/master/Cheat\_sheet\_for\_Google\_Colab.ipynb*](https://colab.research.google.com/github/Tanu-N-Prabhu/Python/blob/master/Cheat_sheet_for_Google_Colab.ipynb)
  + *colabs %%html, %%javascript other*
    - [*https://ipython.readthedocs.io/en/stable/interactive/magics.html*](https://ipython.readthedocs.io/en/stable/interactive/magics.html)
* [*https://colab.research.google.com/*](https://colab.research.google.com/)
* *New Notebook*
  + *File / New notebook in drive*
  + *file name: Week1-QuickStart-Google-Colabs-Class-Demo-1*
  + *add, delete cells*
  + *open a notebook*
  + *download notebook (\*.ipynb)*

***Introduction to Markdown***

*- simplified formatted text similar to html*

*- 5 common markdown codes/element*

*- heading, bold, underline, italic, list, bullited list*

*- create formatted technical documentation*

*- used in github, colabs, other technologies*

*- use any valid html code/element*

*- must use a markdown viewer*

*- some technologies has markdown viewer built in ie: github, colabs*

*- used the filename.md extension*

* + [*https://www.markdownguide.org/cheat-sheet/*](https://www.markdownguide.org/cheat-sheet/)
  + *demo class project README.md*
  + *vs.code markdown extension*
    - *Markdown Preview Enhanced*
    - *Yiyi Wang*

*Introduction to HTML document validation*

* + [*https://validator.w3.org/*](https://validator.w3.org/)

*Markdown Demo 1*

*Introduction to Markdown*

*# Title 1 - ie: H1*

*## Title 2 - ie: H2*

*### Title 3 - ie: H3*

***\*\*Bold\*\**** *- b*

*\*Italics\* - i*

*Markdown Demo 2*

*## Introduction to Markdown*

*\*List 1\**

*1. List item 1*

*2. List item 2*

*3. List item 3*

***\*\*list 2\*\****

*\* List item a*

*\* List item b*

*\* List item c*

*%%html*

*<!-- html comment -->*

*<html>*

*<head>*

*<title>html demo 2</title>*

*<head>*

*<body>*

*<h1>Html demo 2</h1>*

*</body>*

*</html>*

*%%html*

*<!-- html code snipit demo -->*

*<div>*

*<h3>h3 demo </h3>*

*<h6>h6 demo </h6>*

*</div>*

*%%javascript*

*//single line comment*

*/\**

*multi line*

*comment*

*\*/*

*function main()*

*{*

*let version = "es1-es6+";*

*alert("intro to " + version)*

*}*

*main()*