

Name:Katricia Lopez
Sec:CS3C

Kindly research and if possible try to use the Jupyter Notebook:

Strings

- Creating a String

- To create a string, put the sequence of characters inside either single quotes, double quotes, or triple quotes and then assign it to a variable.**

- Accessing Characters in the String

- You can get the character at a particular index within a string by invoking the `charAt()` accessor method. The index of the first character is 0, while the index of the last character is `length()-1`.**

- Removing Space from a String

- Using `replace()`

- Using `translate()`

- Using `lstrip()` function.

- Using `rstrip()` function.

- Using `isspace()` method.

- Using `Regex` and `itertools`.

- Using `split()` and `strip()` function.

- Using `NumPy`.

- Python String Methods

- Python String Methods are a set of built-in methods that you can use on strings for data handling and manipulation.**

- Python and jupyter notebook

- The Jupyter Notebook is the original web application for creating and sharing computational documents. It offers a simple, streamlined, document-centric experience.**

- Launch Jupyter Notebook

- To launch a Jupyter notebook, open your terminal and navigate to the directory where you would like to save your notebook. Then type the command `jupyter notebook` and the program will instantiate a local server at `localhost:8888` (or another specified port).**

- Open a notebook file

-A Notebook file runs on a SMART Board, a kind of interactive whiteboard. If you don't have a SMART Board, you can view . notebook files by using a trial version of Notebook, which you can download for free at the SMART Tech site.

- Start writing a Jupyter Notebook

-You'll see an empty cell where you can start writing your code. You can write Python code, add Markdown cells for text explanations, add images, and more.