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CS3C

▪ Creating a String

-To create a string in a Jupyter Notebook, enclose a sequence of characters within single (' ') or double (" ") quotes.

▪ Accessing Characters in the String

-You can access individual characters in a string using indexing. For example, **my_string[0]** would access the first character of the string **my_string**.

▪ Removing Space from a String

-You can remove spaces from a string using various methods like **strip()**, **replace()**, or using regular expressions.

▪ Python String Methods

-Python offers a variety of built-in string methods such as **split()**, **join()**, **lower()**, **upper()**, **replace()**, **find()**, **count()**, etc., which allow you to manipulate strings efficiently.

Python and jupyter notebook

- Python is a programming language known for its simplicity and versatility. Jupyter Notebook is an interactive web application used for coding, data analysis, and documentation, particularly popular in the Python community. It allows users to create and share documents containing live code, visualizations, and explanatory text.

● Launch Jupyter Notebook

-To launch Jupyter Notebook, open your command prompt or terminal, and type **jupyter notebook**. This will start the Jupyter Notebook server and open a new tab in your web browser.

● Open a notebook file

-After launching Jupyter Notebook, navigate to the directory containing your notebook file (.ipynb) using the browser interface and click on the notebook file you want to open.

● Start writing a Jupyter Notebook

-Once you've opened a notebook file or created a new one, you can start writing Python code in code cells, adding text in markdown cells, and executing code cells by pressing Shift + Enter.