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CPE

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

```
Name= "Michael Jackson"
```

```
print(name)
```

- **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**

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-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.