In class exercises for Class00 on 01.09.2019.
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Launch a new notebook in Google Colab, rename it (see slide from ppt) and move to your shared work folder on drive.

Do all work in the notebook, and make sure to run each cell of code before you move on.

1) Create a variable to store your name. Then print your name. Next, print your name embedded in the sentence "Hi, my name is XX", where XX is your name.

2) Suppose you write a web app that asks the user to enter their name. I enter my name as the string: " jOhn sERenCes " just to annoy you. Copy all characters in quotes, including the leading and trailing empty spaces, and paste it into your notebook and then assign it to a variable. Before each line of code, write a comment that briefly describes what that line of code will do!
    a) Strip the empty spaces at the start and end of the string, then print
    b) Convert my entry into title case (first letter of each word capitalized), then print
    c) Convert my entry to all lowercase, then print
    d) Convert my entry to all uppercase, then print

3) Captain Pickard once said, "There can be no justice so long as laws are absolute. Even life itself is an exercise in exceptions." Print this entire statement (starting with [Captain Pickard once said, "There can be no justice…xxx…..exercise in exceptions."]). Make sure that the quotes are in the printed statement, and insert a newline (return) at the end of the first sentence. Note that to make it easier you can copy and paste the statement into your notebook if you want and then modify it within the 'print' statement.

4) Define a list to store the names of three famous people (first names only, pick anyone you'd like). Before each line of code, write a comment that briefly describes what that line of code will do!
    a) Sort the list alphabetically, then print
    b) Pop the middle name of the alphabetized list and store popped name as another variable, then print
    c) Add two new names to the end of the list, one at a time, then print
    d) Remove the 2nd name in the list, then print
    e) Add your own name to the list in the 3rd position, then print

5) Type: "import this", without the quotes, into a code cell and run it.