KEY CONCEPTS:

In class, we got started with our programing environment at http://colab.google

1. We launched a new notebook to create a new file and renaming it (it saves itself)

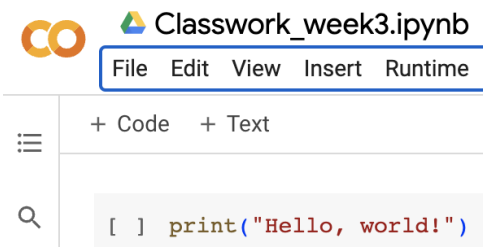
2. We displayed information by using the `print()` command. Examples:
   a. `print("Hello World!")`
   b. `print(34)`

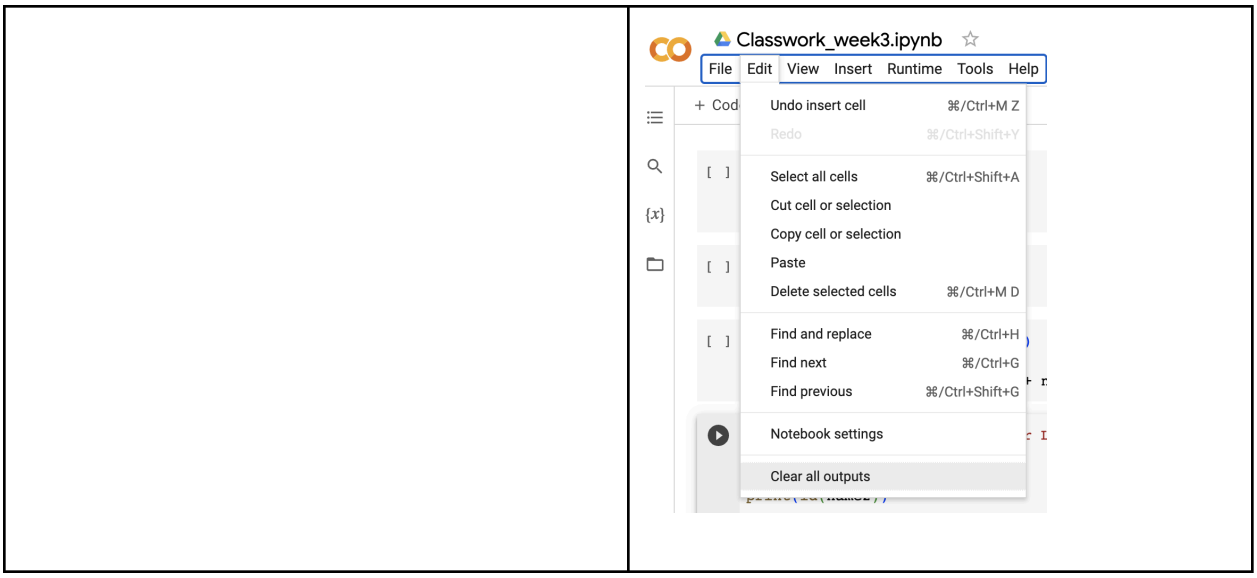
3. We printed some ***concatenated*** text:
   ```
   print("My name is : " + "yourname")
   Note: for strings(text) you can can use single or double
   quotes in python)
   ```

4. We started to deal with some variables (things that hold data) and comments

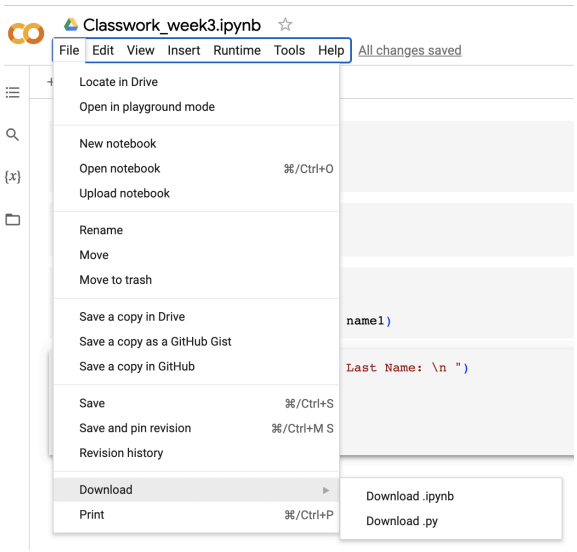
   ```
   my_number = 6
   # Let's add 1 to my_number later
   my_next_number = my_number + 1

   print(my_number)
   print(my_next_number)

   # and here
   my_number = my_number + 1
   print(my_number)
   ```

A few additional notes:

You can create a new cell by clicking on + Code in the top left corner 	You can clear all the output from your screen if you'd like



You can download the code to your machine by clicking File >> Download >> Download .ipynb



For your homework submissions, you have two options:

1. You can upload the downloaded file of your homework code OR
2. You can share the codelab file with Amartya and myself. Please paste the URL of the codefile in the HW section so we knew you have submitted it and it is ready for grading.

HOMEWORK:

Hint: use a separate cell for each problem! Save the Python script file with name: *yourname_homework1.ipynb*

1. PROBLEM 1
    A. Assign your name, age and grade to the variables my_name, my_age and my_grade respectively
    B. Print the following sentences to the screen making the right substitutions:
        a. Hello, my name is my_name. I am my_age years old and attend grade my_grade.

    Hint: pay attention to quotes

2. PROBLEM 2

    Copy and paste the following statements into a cell exactly as they are. They will generate errors. Fix them, and in a comment statement (Hint: #) describe what the problem was:

```
a = 60                  # this line is fine
print("a" + 3)
print("sometext)
print(3
```

4. CHALLENGE PROBLEM (optional)

    Try to print the following ASCII art: hint - print one line at a time

```
, ; ,   .-'"""'-.   , ; ,
 \\|/  .'         '.  \|//
  \-;-/   ()   ()   \-;-/
  // ;               ; \\
 //__; :.         .; ;__\\
`-----\'.'-.....-'.'/-----'
       '.'.-.-,_.'.'
         '(  (..-'
           '-'
```