Lesson 1.03: Script Mode

# Learning Objectives

* Define and identify: Script, print, run, output
* Write a simple script and run it in python
* Describe difference between script mode and interactive mode

# Materials/Preparation

* Lab handout
* Read through the handout so that you are familiar with the requirements and can assist students

# Pacing Guide

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| Duration | Description |
| 5 Minutes | Welcome, attendance, bell work, announcements |
| 10 Minutes | Lecture and Introductory Activity |
| 30 Minutes | Work on Lab |
| 10 Minutes | Discussion |

# Instructor’s Notes

1. Lecture
   1. Introduce students to concept of a script that is run by the interpreter
      1. Create a script that adds two numbers called and run it
   2. Discuss that in script mode you need to have an output
      1. Discuss the print statement as a way of outputting values
      2. Discuss what happens when you use print(3 +5)
   3. Print statement can be used to print out multiple things via a plus sign between strings or by using multiple print statements
      1. If students are moving fast you can introduce the concept of a new line character “\n”
2. Activity
   1. Students should practice creating files and printing out things in different ways
   2. Students should practice printing out numbers and adding numbers and printing to see what happens
3. Debrief
   1. Talk about the difference between the two modes
   2. Discuss the error messages that came up