1.3 First Program

Introduction

In this lesson, students will jump in and see how Python works. They will learn the "print" command and experiment with syntax that will or will not work.

The students will:

- Be able to define output
- Correctly utilize the print command
- Create their first program

Components:

- Video Lesson
- Lesson Practice
- Code Practice (3)

What to Emphasize:

- Print statements will use a pair of double quotes inside of parentheses.
- Syntax is super important when it comes to programming. Although it seems silly now that the space between the text "Hello " and the plus sign is ignored, other times, spacing (indenting) will be very important for a program to run correctly.

Additional Notes:

It is nice that the programming environment uses colors for different parts of the code: commands, comments, string literals, etc. However, be aware that some students with color blindness may have difficulty using the different colors while they code. Referring to the "red text" if the text is inputted correctly will not help them, and finding and sharing other techniques for debugging will be useful to them.

If you'd like to customize the lesson slides, click **here (https://docs.google.com/presentation/d/11ZT2O8x6MweaSNhDf0v9JIywBdyYvf_u-nc86_DY44g/copy)** .

Curricular Standards

This lesson adheres to the following CSTA Standards: 3A-AP-18