

Intro to Python

Project enVision U.S. Learn • Spring 2021

Course Description

This course will go over the basics of Python.

Course Objectives

The fundamental design cycle of computer science and computer programming: writing code, executing it, interpreting the results, and revising the code syntax based on the outcomes.

Usage of the fundamentals of programming: variables, mathematical operators, logical operators, and boolean arithmetic.

Materials Needed

Laptop (Mac OS, Windows, Linux)

Other information

There are no prerequisites to this course

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Week 1

Feb 15

- Hello World!
- Variables and Types
- Lists

Week 2

Feb 22

- Basic operators
- String Formatting
- Basic String Operations

Week 3

March 2

- Conditions
- Loops [Part 1]

Week 4

March 9

- Loops [Part 2]
- Functions [Part 1]

Week 5

March 16

- Functions [Part 2]
- Classes and Objects

Week 6

March 23

- Dictionaries
- Modules and Packages