



# CodeHS

## Intro to Computer Science in Python

### Overview

The CodeHS introduction to Python course teaches the fundamentals of computer programming as well as some advanced features of the Python language. Students use what they learn in this course to build simple console-based games. This course is equivalent to a semester-long introductory Python course at the college level.

### Who is it for?

This course does not assume any prior programming experience. Learn the basics of programming, and then gradually harness the power of some of Python's more advanced features to make games and solve real-world problems.

Students can take this course as their first introduction to computer science or as a secondary introductory course that explores a new language, after our Introduction to Computer Science in JavaScript.

### What do you learn?



Introduction to Programming with Turtle Graphics



Basic Python and Console Interaction



Conditionals



Looping



Functions and Exceptions



Strings



Creating and Altering Data Structures



Extending Data Structures



Project: Hangman



Classes and Objects



Final Exam