HW 0-A Prerequisite for Beginners:
Introduction to Python Course – DataCamp

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CSCI 7090 – Data Science & Machine Learning
Georgia Southern University

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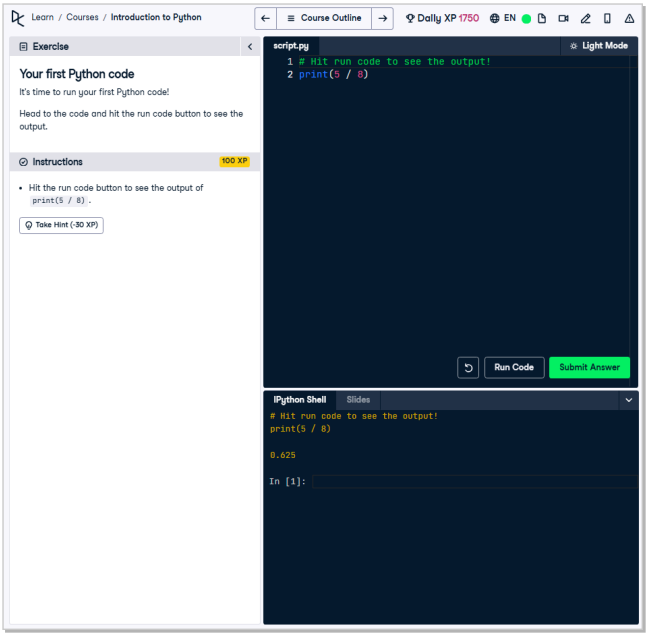
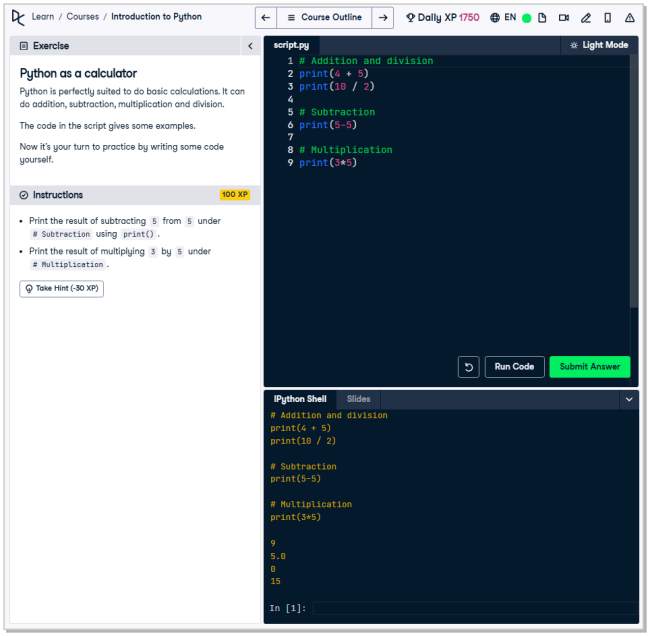
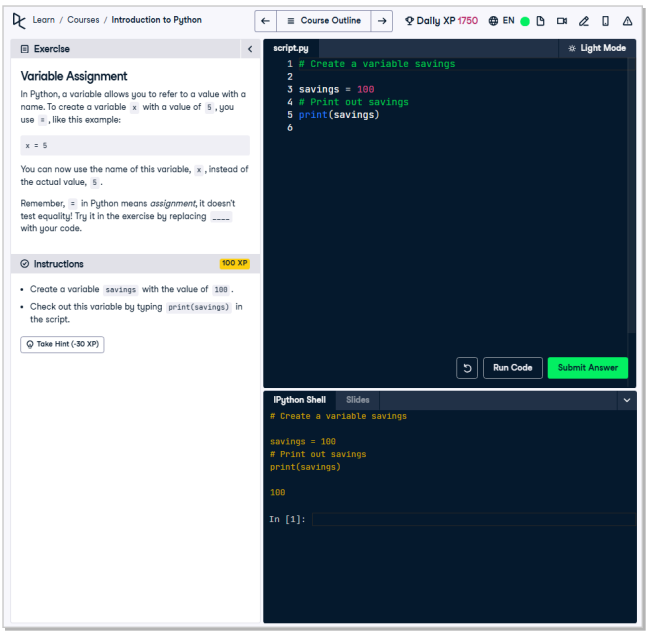
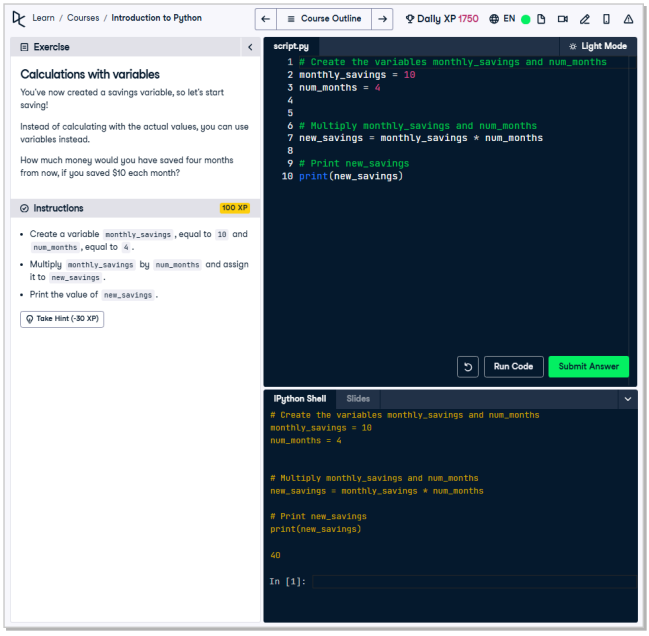
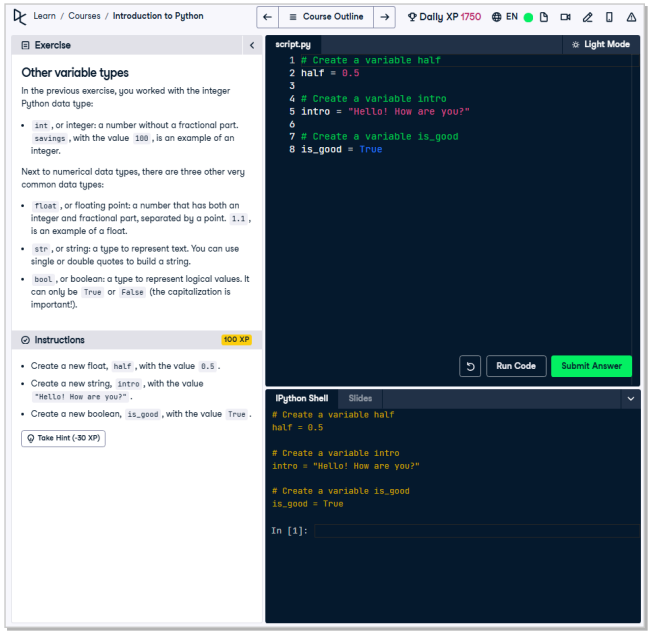
Chapter 1: Python Basics

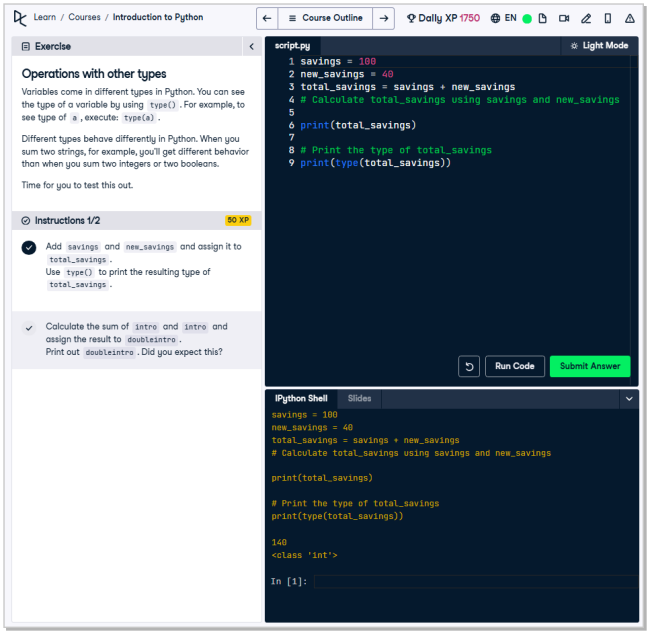












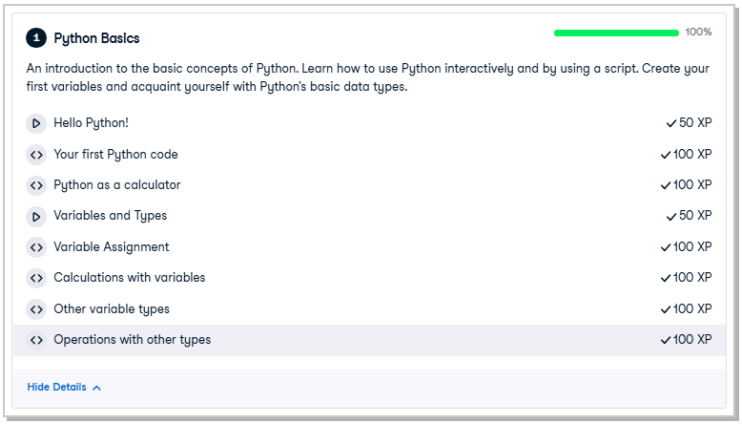
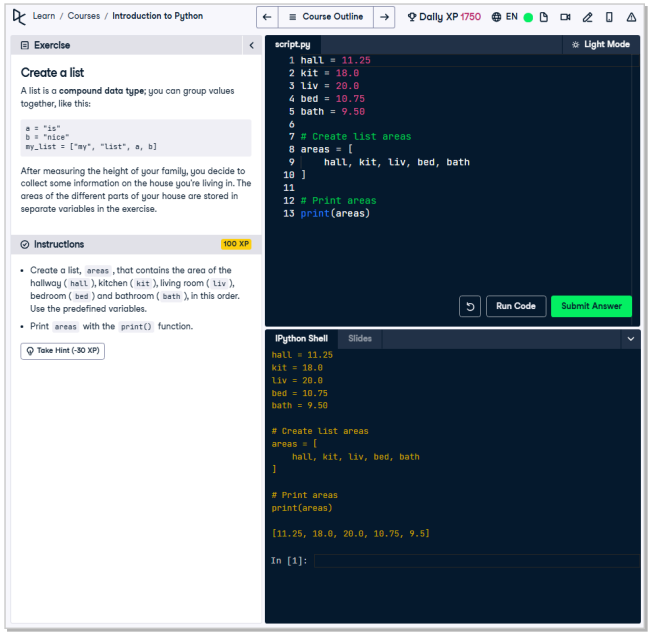
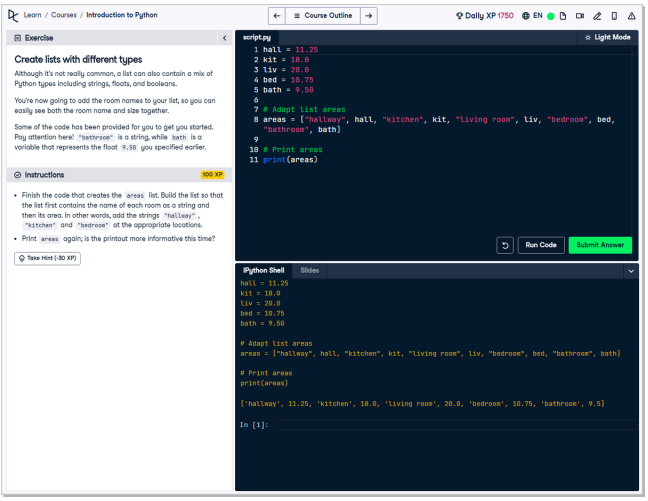
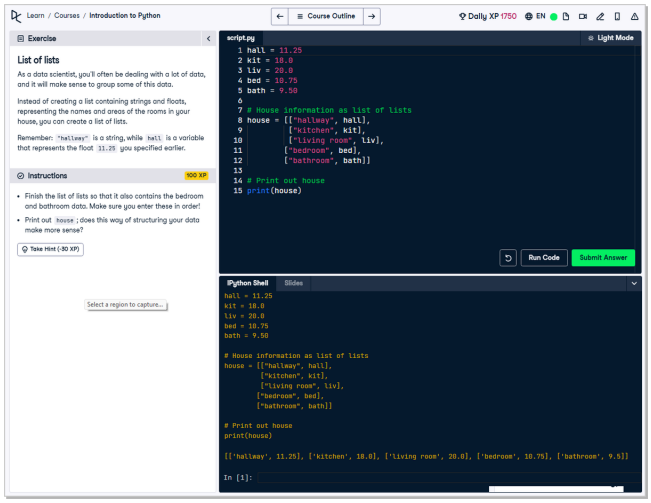


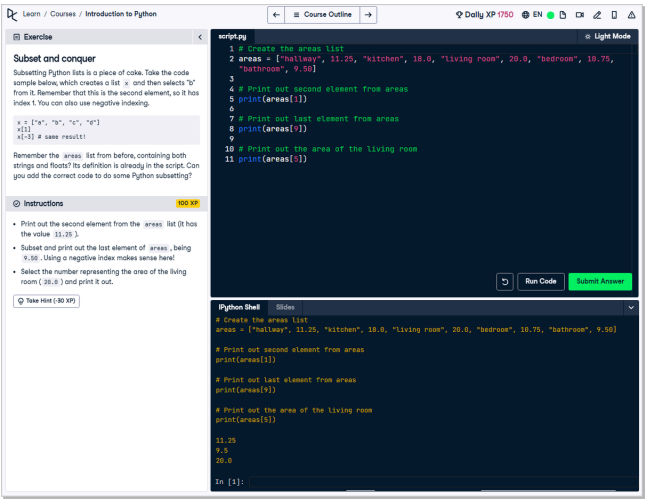
Figure 1: Chapter 1 Completion – XP Summary

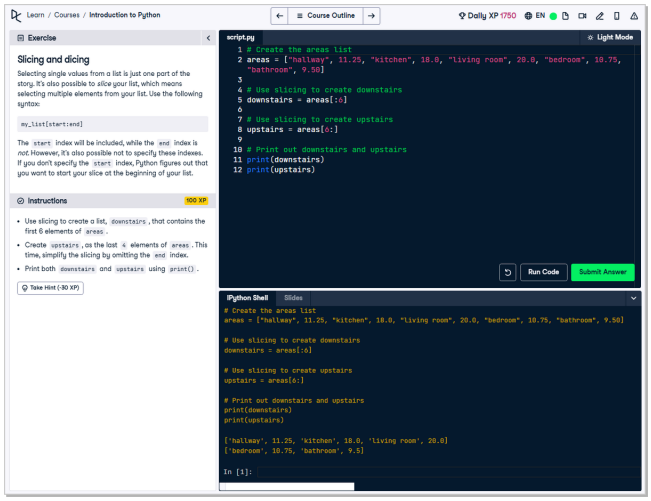
Chapter 2: Python Lists

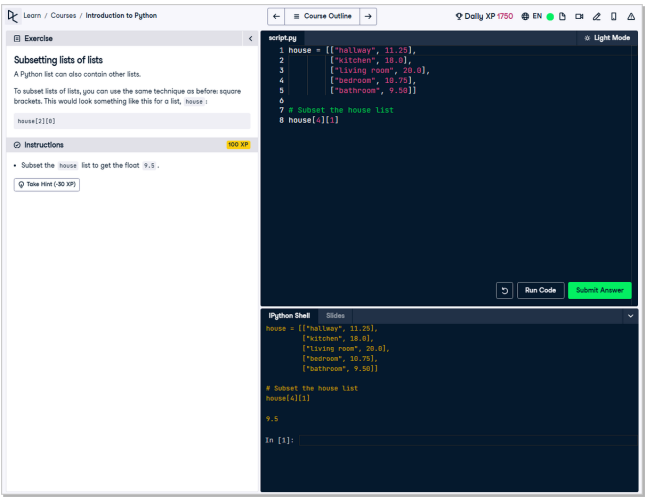


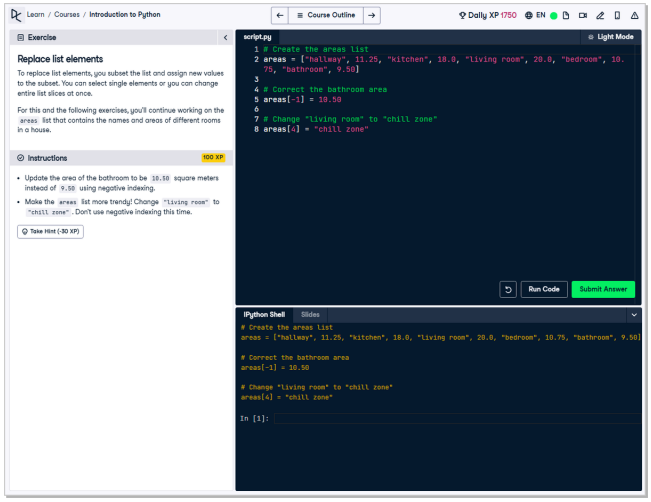


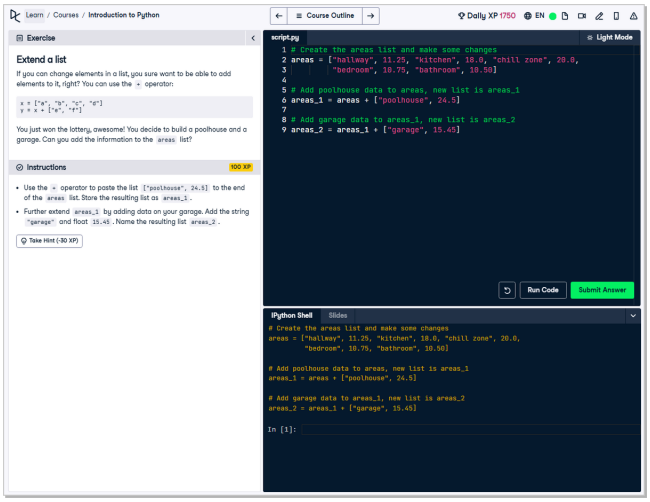


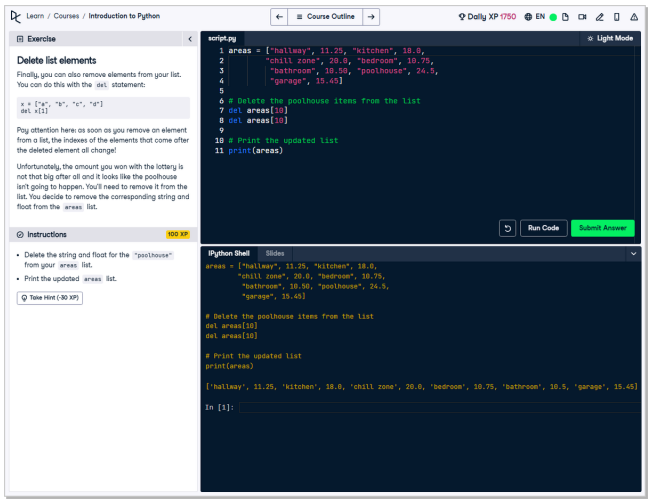


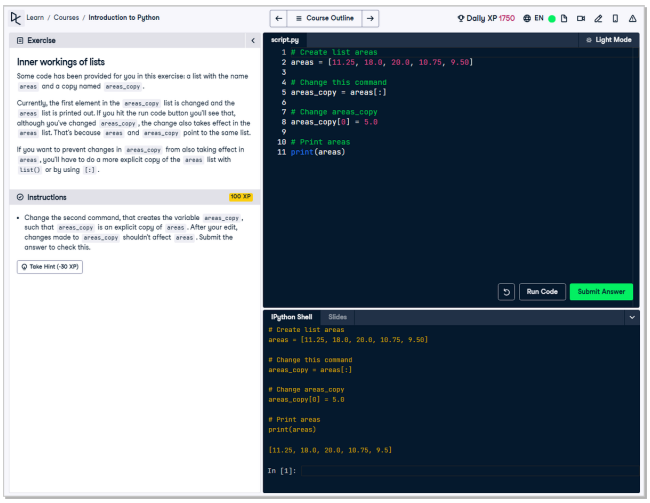












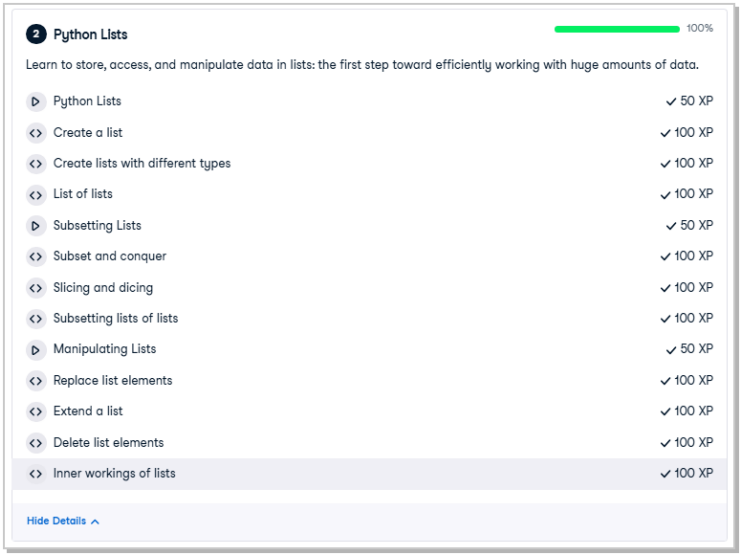
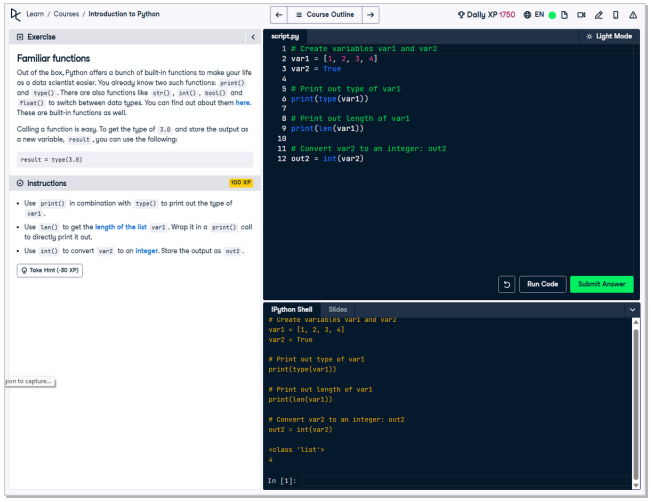
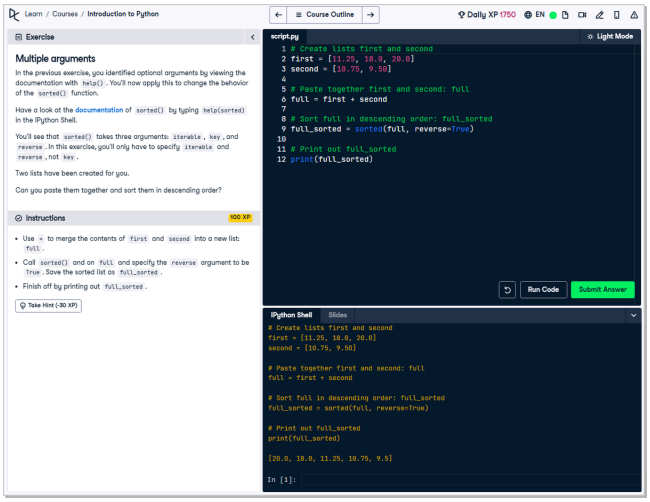
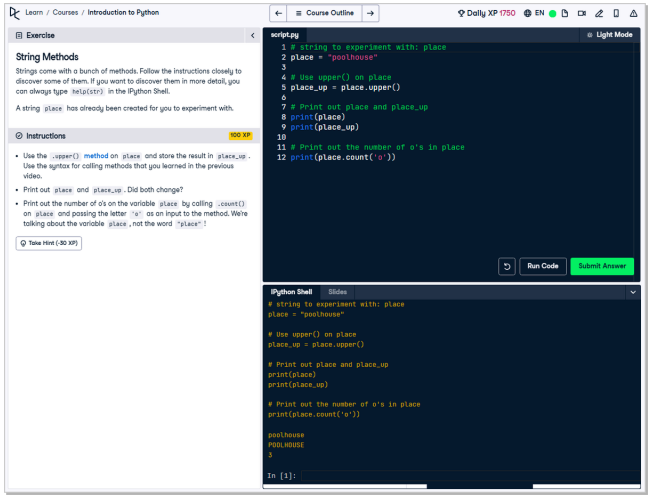


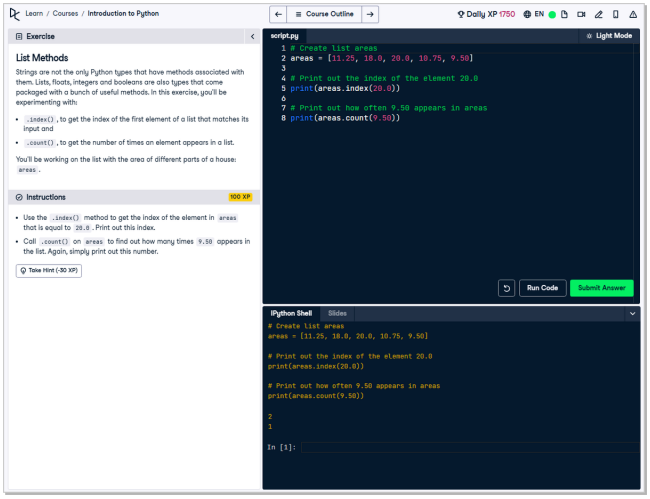
Figure 2: Chapter 2 Completion – XP Summary

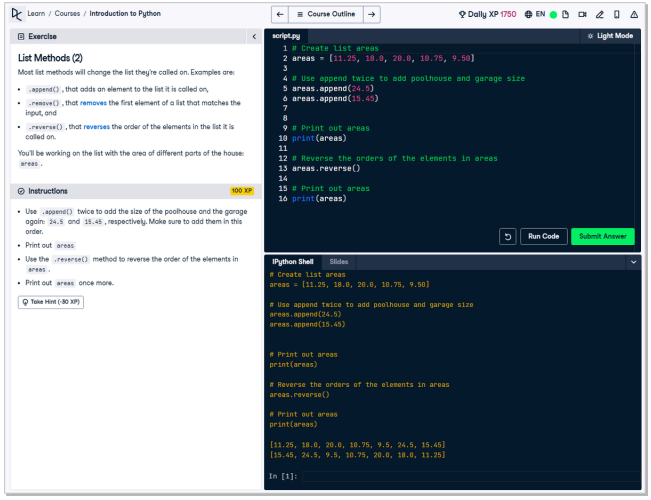
Chapter 3: Functions and Packages

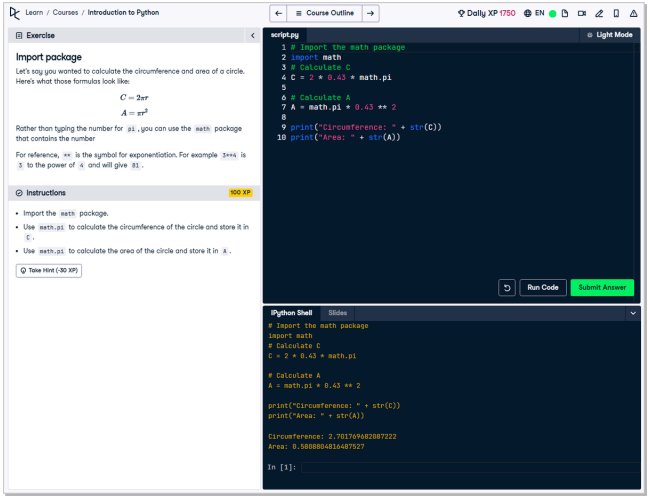


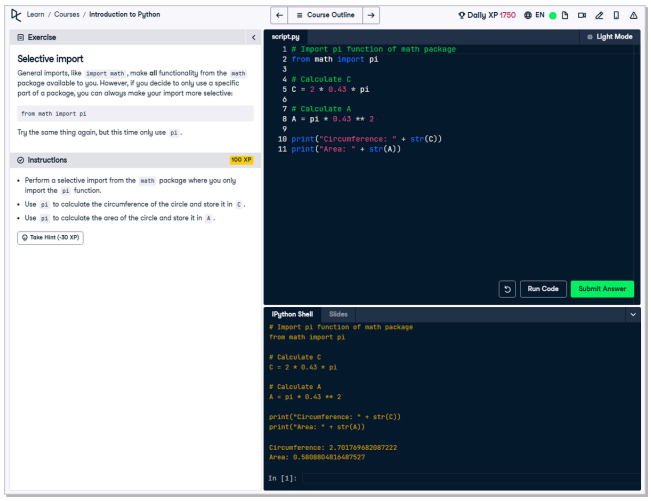












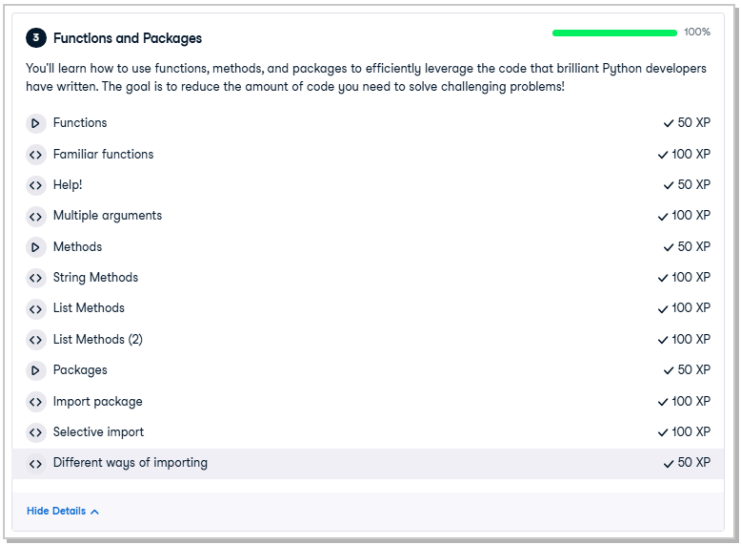
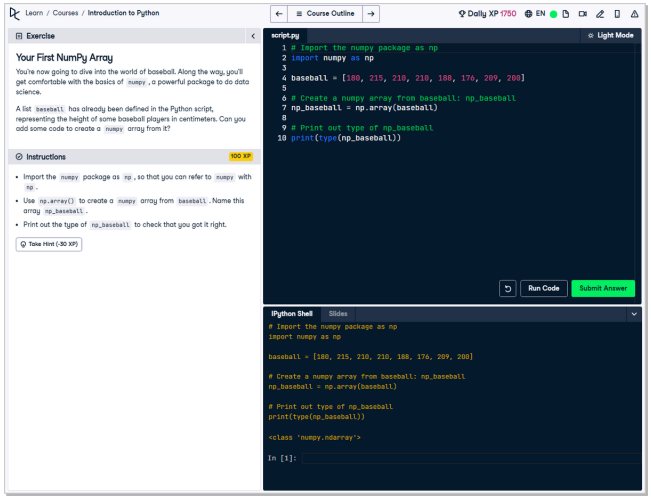
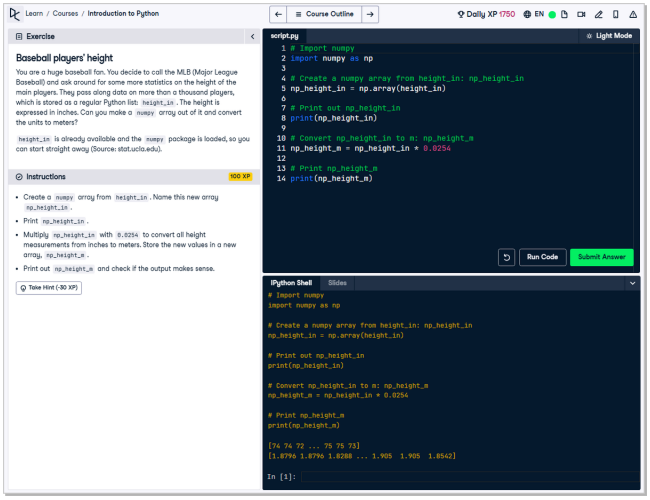
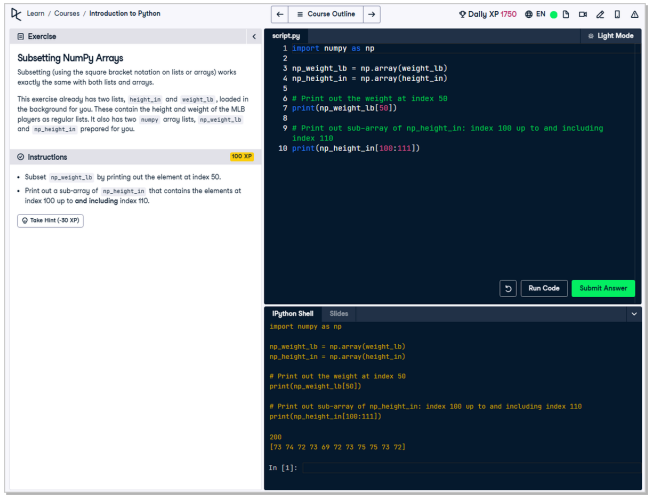


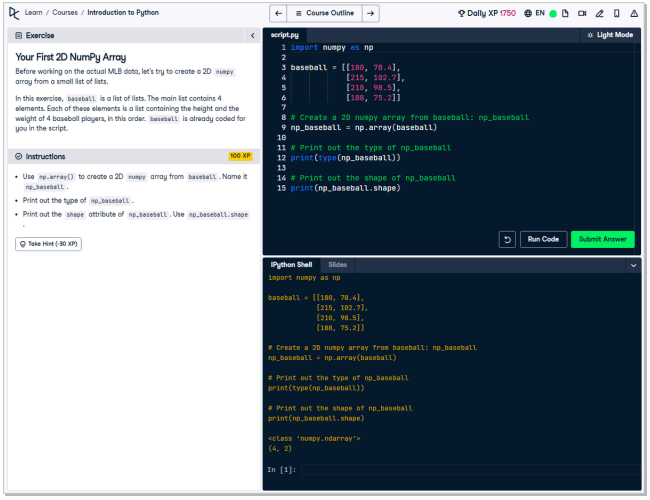
Figure 3: Chapter 3 Completion – XP Summary

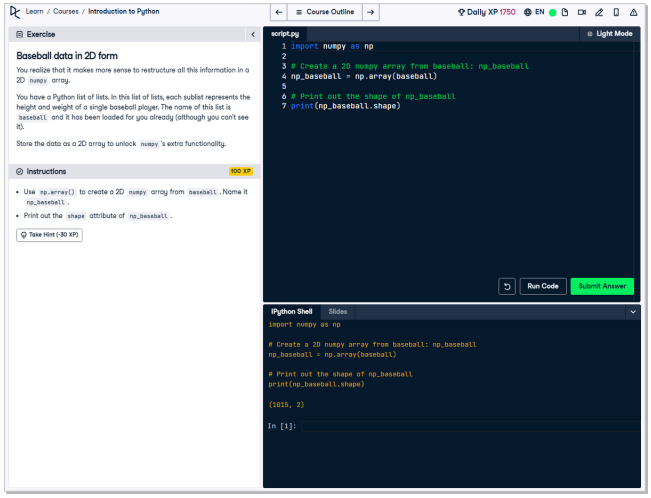
Chapter 4: NumPy

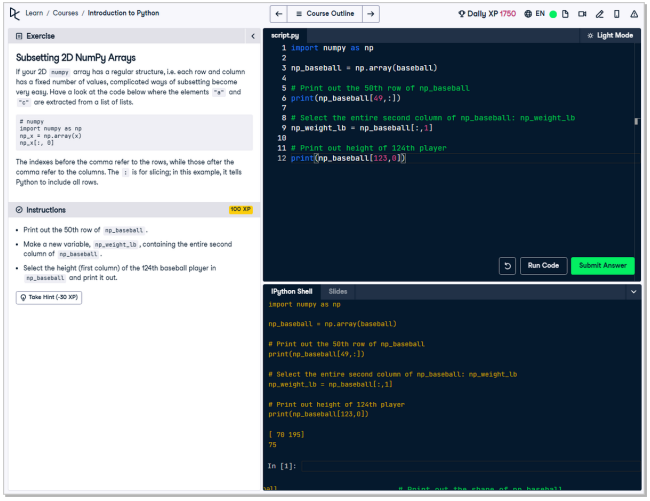


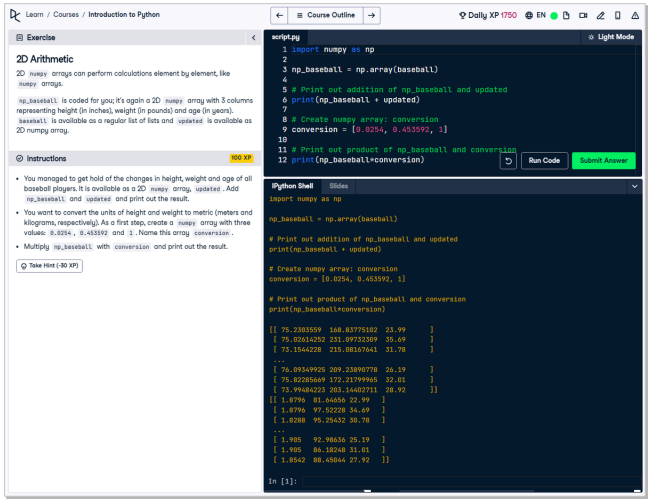


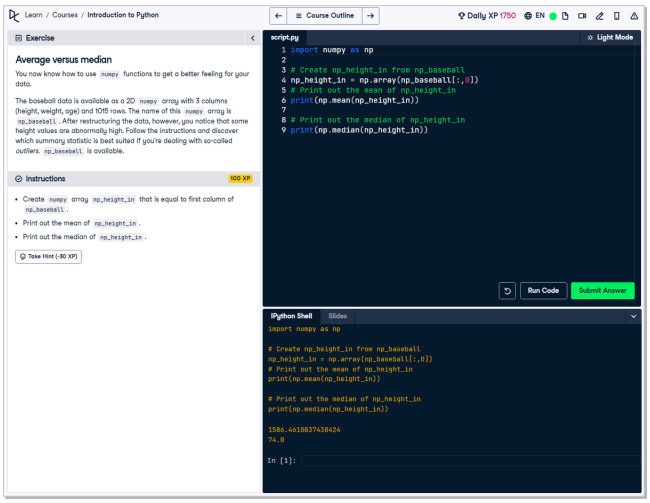


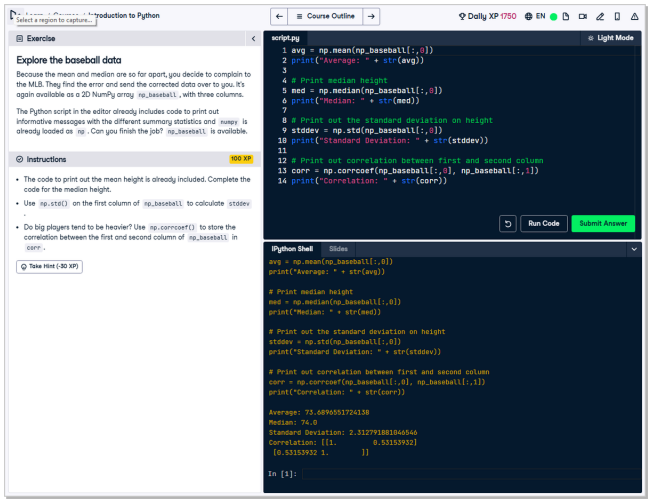












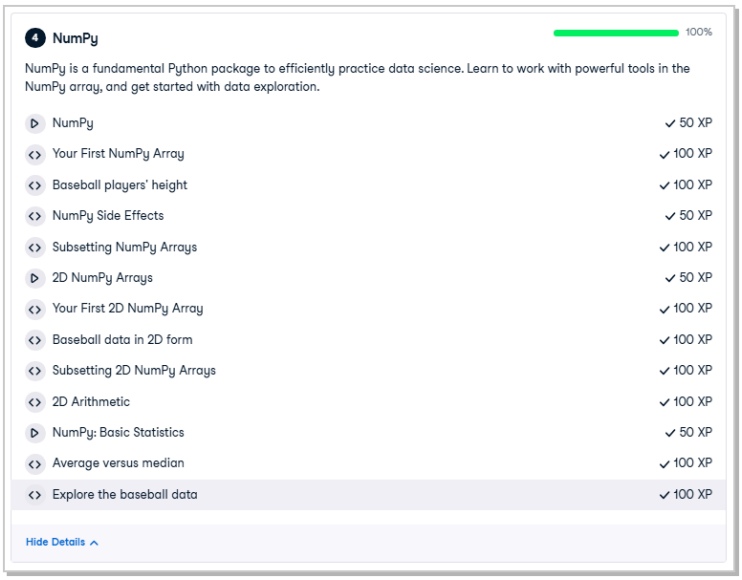
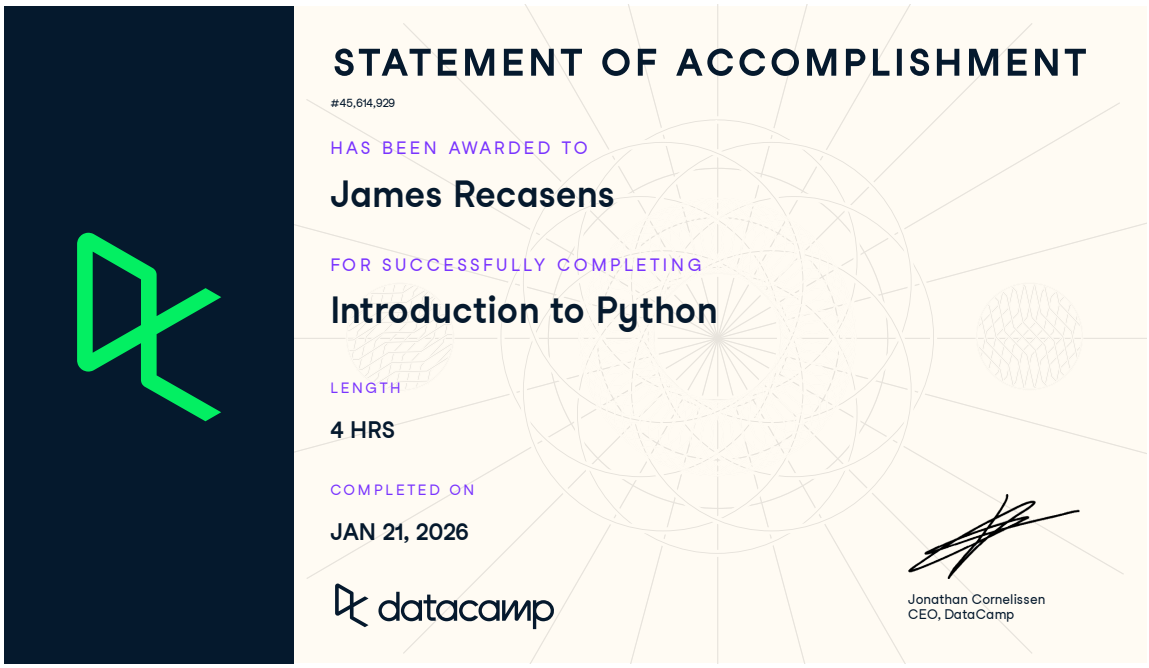


Figure 4: Chapter 4 Completion – XP Summary

Certificate of Completion



Reflection

The introduction to Python course from DataCamp was a nice refresher on using Python as a tool for data science. I have used Python in previous courses, but my main language has always been Java, so it was nice to gain fluency in using Python because the tools available are very intuitive and simple. The ease by which arrays can be scaled, added together, etc. seems way easier than any data cleaning I have done in MATLAB or R. Overall, this brief course was a good experience because I am walking away from it feeling more familiar with Python, and most importantly, perhaps, I am not frustrated or discouraged by the exercises so far.

Disclosure: This document was formatted with the assistance of an AI tool (Claude). All coursework, code submissions, and written reflections are entirely my own original work. The AI was used solely for document compilation and formatting purposes.