

Welcome Discussion Guide

Discussion

Before you begin any large project, it is useful to have a clear expectation about what you want to accomplish. That way, you are more likely to succeed because you know what your target is!

Exercise

Answer the following questions.

1. As mentioned in the video, What will you learn in this course?

The basics of general programming and the specifics of the Python language. You will learn to build games like Hangman and programs that analyze literature.

2. As mentioned in the video, Who is the course designed for?

Both absolute beginners and those with prior programming experience who are new to Python.

3. Why do you want to learn Python?

It is a beginner-friendly language. It is used by major companies like Google, YouTube, and CodeHS.

4. As mentioned in the video, Why learn Python?

Learning Python is beneficial because it is a widely used language in the tech industry, powering major platforms like Google, YouTube, and CodeHS. It is specifically highlighted for being beginner-friendly compared to other common languages, making it an ideal starting point for new programmers. Furthermore, the programming fundamentals you master while learning Python provide a strong foundation and the confidence needed to transition to other languages in the future.

5. What are some ways that you think you could study for this class? *Hint: Cramming should not be your answer!*

Daily Practice: Treat coding like "mental gymnastics" by practicing regularly to build problem-solving skills.

Master Fundamentals: Focus on "programming fundamentals" so you can learn other languages with confidence later.

Active Building: Complete the course projects, such as making games and literature analyzers, to apply what you learn.

Follow the Sequence: Review concepts and projects in detail as they are introduced to avoid falling behind.