

1. In 2-4 sentences, summarize your personal learning objectives for this course. Of the objectives listed in the syllabus, which are most important to you? Are there any topics you'd like to learn about which are not on the syllabus? If so, which? (If so, you are encouraged to reach out to the instructor for supplemental material)

My learning objectives for this course are to deepen my understanding of programming language design and understand my improve my ability to analyze language usability. The most important objectives for me would be to understand how programming languages impact developer experience and learning the core features of languages such as parsing and type-checking.

2. In 2-4 sentences, summarize your prior experiences of programming languages by comparing yourself to the different personas discussed in the first lecture.

Based on the personas discussed in the lecture, my experiences align most with the Practitioner and the Implementer. As a Practitioner, I have worked with different programming languages and worked on different projects. I have been studying CS for almost 6 years now, I have learning and practicing different languages for a long time now. As a Implementer, I've struggled while practicing these languages as well.

3. What are your favorite and least favorite programming languages? Share your favorite and least favorite experiences using those languages.

I would say my favorite programming language is Python because of its simplicity, and it's extensive collection of libraries, which makes the task easy that I'm interested in, machine learning and data analysis. I once built a machine learning enabled lost and found application using Python and its integration with libraries like Tensorflow and OpenCV made the process really smooth.

My least favorite language has to be C++ due to its complex syntax and manual memory management. I remember learning it when I was in 8th grade and I just didn't like it. I remember struggling with it while I was working on my networking project, the debugging felt like it was more time consuming than actual problem solving.