

After four to five weeks of writing C code, how do you feel about your progress in mastering this middle-level language? Are you starting to get more comfortable with your knowledge? What tools and techniques are you using to help you debug your code? How do you feel your use of C is helping your understanding of the data structures and systems concepts we are studying? What are you doing to help improve yourself in C, and what could the course staff do to help you?

After four to five weeks of writing C code, I feel like I get some progress in mastering C. Its because programming language is not that different, if you know Python, JS, its not that difficult to learn new languages.

I am comfortable with C knowledge but I still want to do leetcode problem in Python, I am not sure if it aligns with the objective in this course, but I feel like most people do leetcode in Python/Java, and most university teach DSA in Python/Java.

Debugging Code I use VSCode, and gcc. I place breakpoints in my code, and run them line by line, I can see all variables in my IDE. I don't like step over, but just debug line by line, because I don't think gcc have backward debugging function.

I think C is good for understanding system questions, but I still use Python to do data structure problems. For system concepts, I feel like this course is still mainly focused on data structure and may not be adequate if you want to research or embedded system COOP/job? For me, the best way to learn data structure is do competitive programming (Leetcode contest/ Codeforce), but not taking a data structure course.

I am afraid that maby we still do not have enough knowledge/skills in Computer Systems like a CS major undergraduate student who took a real system course after completed CS5008? What could course staff do is publish more resource for computer systems for those who interested in system research and embedded system COOP?