Lecture Assignment 4

Due date: 17-Oct-2023

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<div align="center">Select two questions based on your preference!</div>

1. Is cc, the C compiler, a built-in command of a shell of a UNIX-based/like operating system? Justify your answer.

> The cc command, the C complier is not a built-in command of a UNIX-like shell. Cc is a soft link to a specific C compiler like gcc which compiles C programs and create executables.

2. How can we distinguish between shell's built-ins (commands) and a program which requests the shell to be bootstrapped?

> We can distinguish between a shell's built-in commands and commands from a program by checking if the requested command is part of the shell's internal functionality. Built-in commands are executed within the shell process itself, while external programs run as separate processes.