Unit 9—The Codio Lab, and the Importance of Patience

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The Codio lab went relatively well overall. I had no major issues setting it up, or running the commands for this week’s assignment. I found the implementation of the Codio lab to be extremely interesting. I had worked with Virtual hands-on class modules before, and I find them to really help me understand what exactly I am doing, and how it may be useful for my prospective career without the risk of damaging data that I have saved locally on my own machine. I do, however, wish there was a way for us to undo or reset the commands that we make so that we may have a real-time feedback on how these commands may effect the database we are working with beyond simply seeing a value change the first time. I feel that being able to roll back changes on our own, without requiring the instructor to completely reset the module, may allow students to view multiple pages upon in-depth analysis and enhance learning through that.

Overall, the Codio lab was extremely simple to work with. I was able to access the terminal while following the lab instructions just as described, and commands ran extremely fluidly throughout the experience. One minor confusion I had while completing the assignment was due to the command execution time. Having an NVMe SSD, and intel Core i9 13900k in my daily machine, I am not used to query times longer than a few seconds. Now, I understand that these Codio labs are doing a bit more than simple data manipulation for a couple entries per command, so I exercised a little patience in order to ensure the commands run to their completion. I have a small bit of practice using the Linux terminal, so I was able to use the little knowledge I have about completion signifiers to understand when it was the proper time to execute another command.