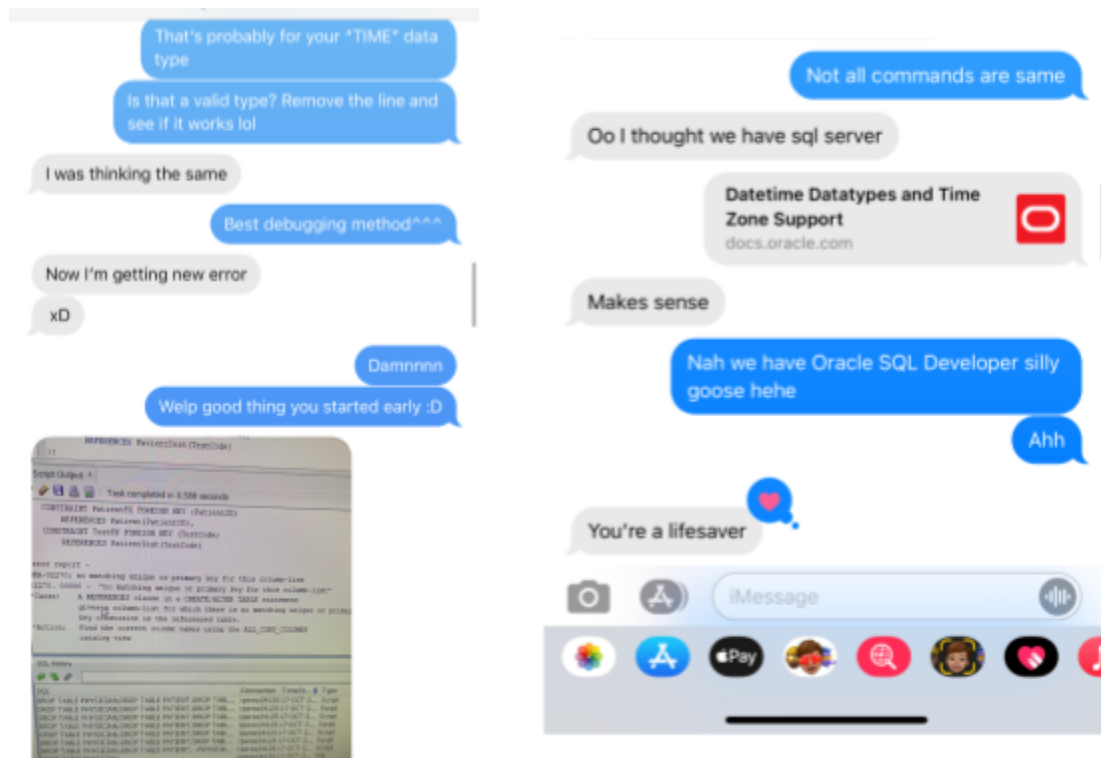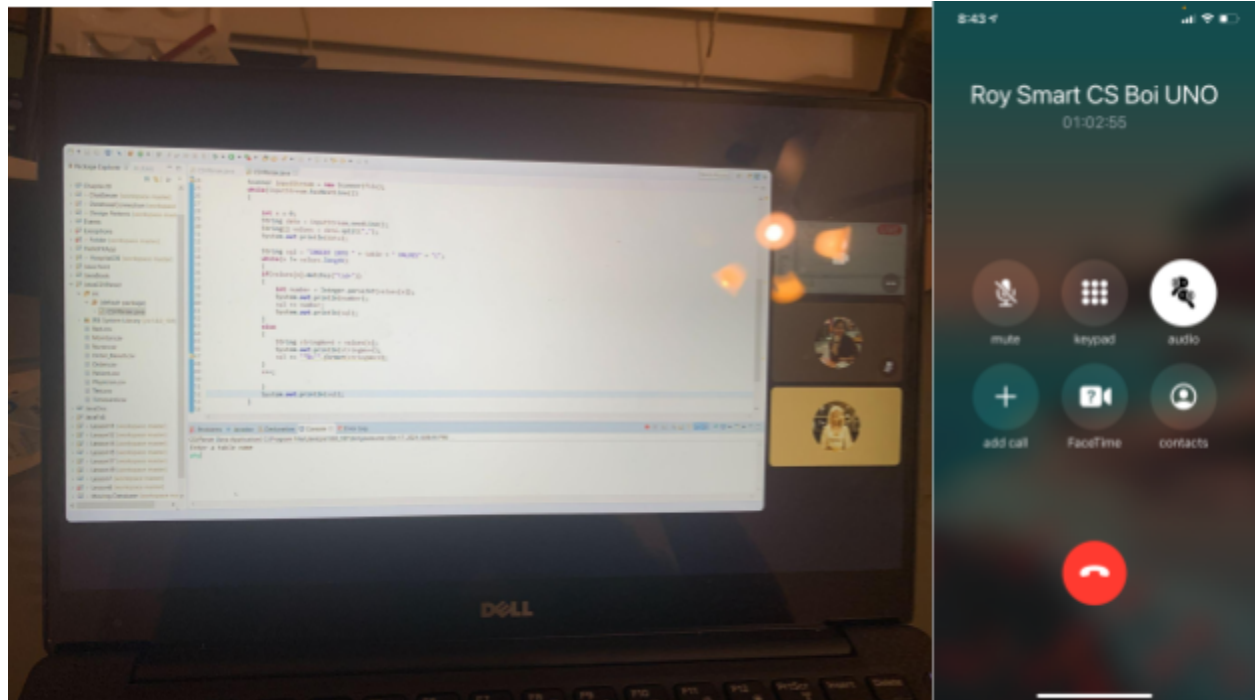## Extra Credit

Man, what a switch of pace from the last two phases! Although we both were able to hold our own with the previous two phases, Roy had a ton of problems with his database during this phase. Fortunately I started my project a bit sooner than Roy did, so a couple of his problems were ones that I already faced myself. All in all we totaled about 170 text messages and an hour of conversation related to Phase 3 of the project!

One portion of the conversation that I'd like to highlight is that Roy was having some troubles with storing the date and time attribute in his database. He originally forgot about the DATE datatype, and then proceeded to try to use a data type name from a different DBMS that was incompatible with Oracle Database. He put in a good amount of effort into figuring it out before asking me. I then told him the issue and he immediately fixed it.

I'd also like to highlight the portion where I helped him with the Java CSV parsing program. Roy was struggling for hours with his program before coming to me. Fortunately, I had already completed my program when he eventually came around, so I knew exactly what the problems with his program were! The main things were that he string-splitted each line in the CSV by "\n" whereas he meant to split the attributes (which would correctly be commas), and his string-matching RegEx pattern was completely wrong. Both of this led to a ton of erroneous

debugging, but I came on and helped him get his stuff working! The voice conversation discussing his problem alone lasted over an hour not to mention the many texts, but he got some semblance of a working program at the end, and he definitely wasn't as lost as he was at the beginning, so I'm glad I was able to help out!

But yeah, it's been a wholesome experience! I think I can say that both me and Roy are glad that we've made it halfway through the semester with all the grace and beauty possible! Cheers!