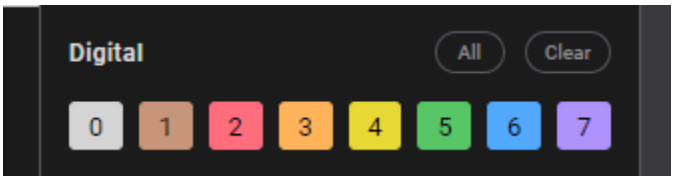
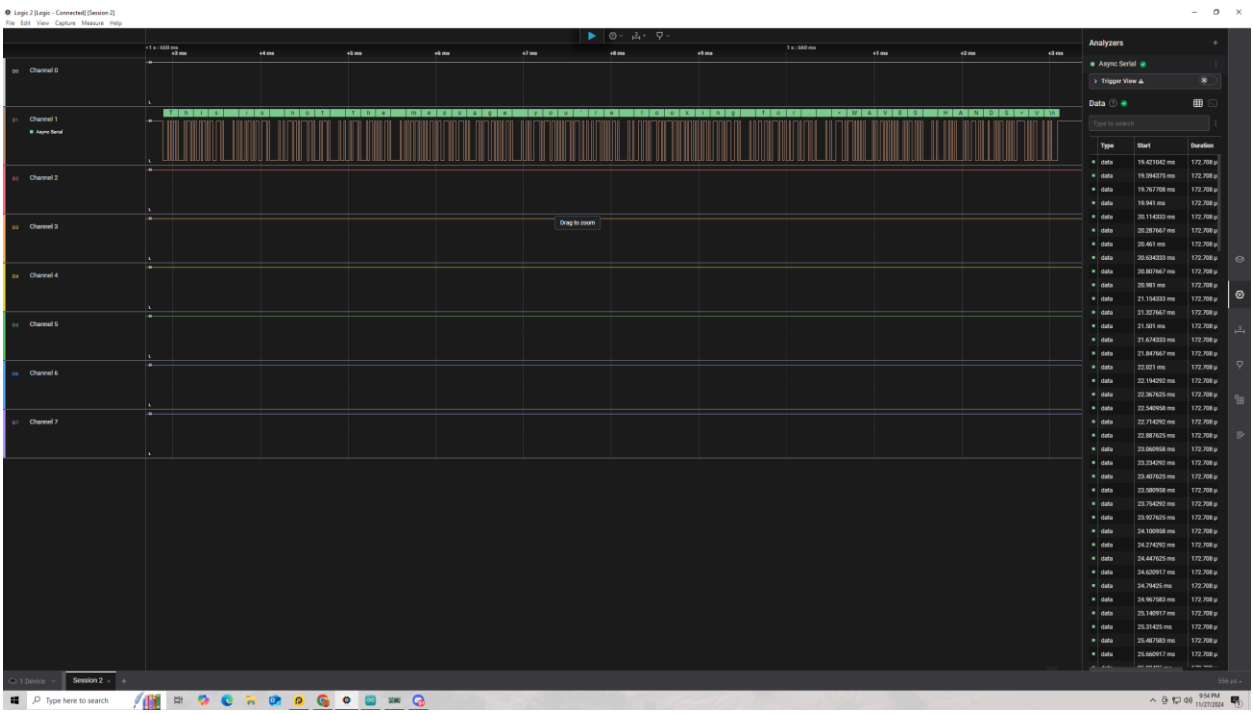
Tan Ton

CS 373

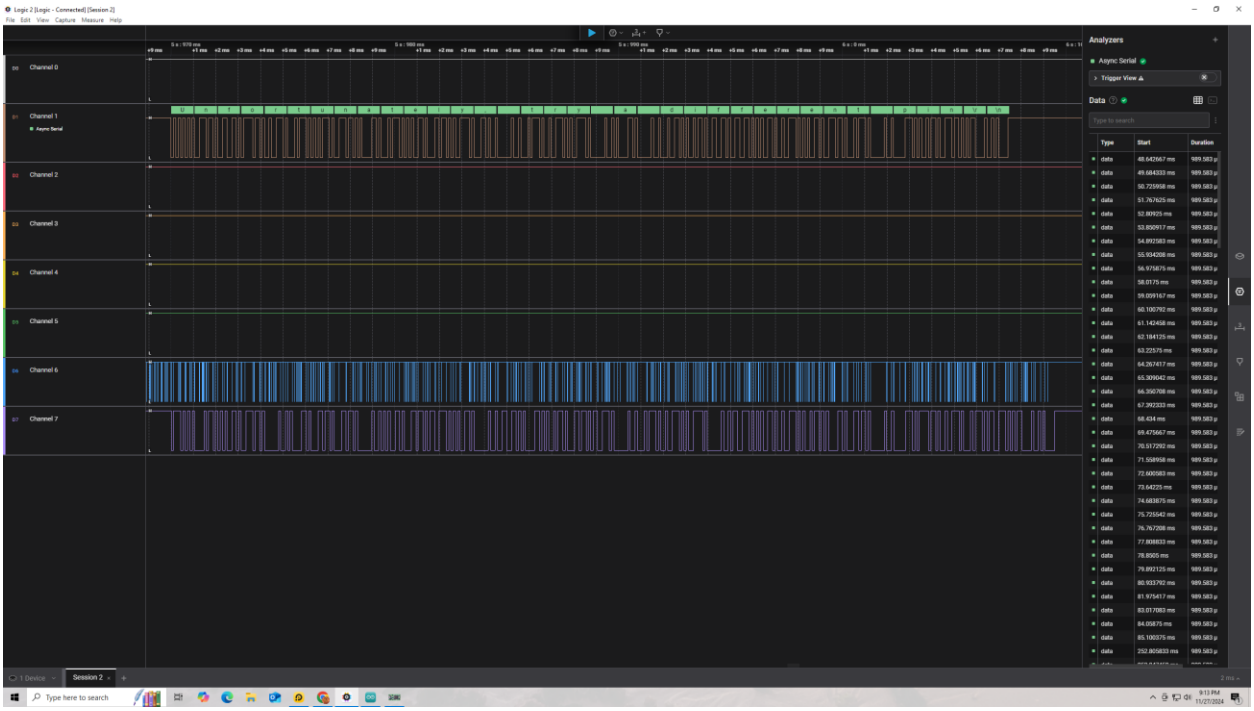
First of all, this assignment was a little bit confusing to me. Since I was not sure if I uploaded class hex file correctly. I also was not sure which pin to connect to until I saw these colors align with the cable and the channel in the logic app.



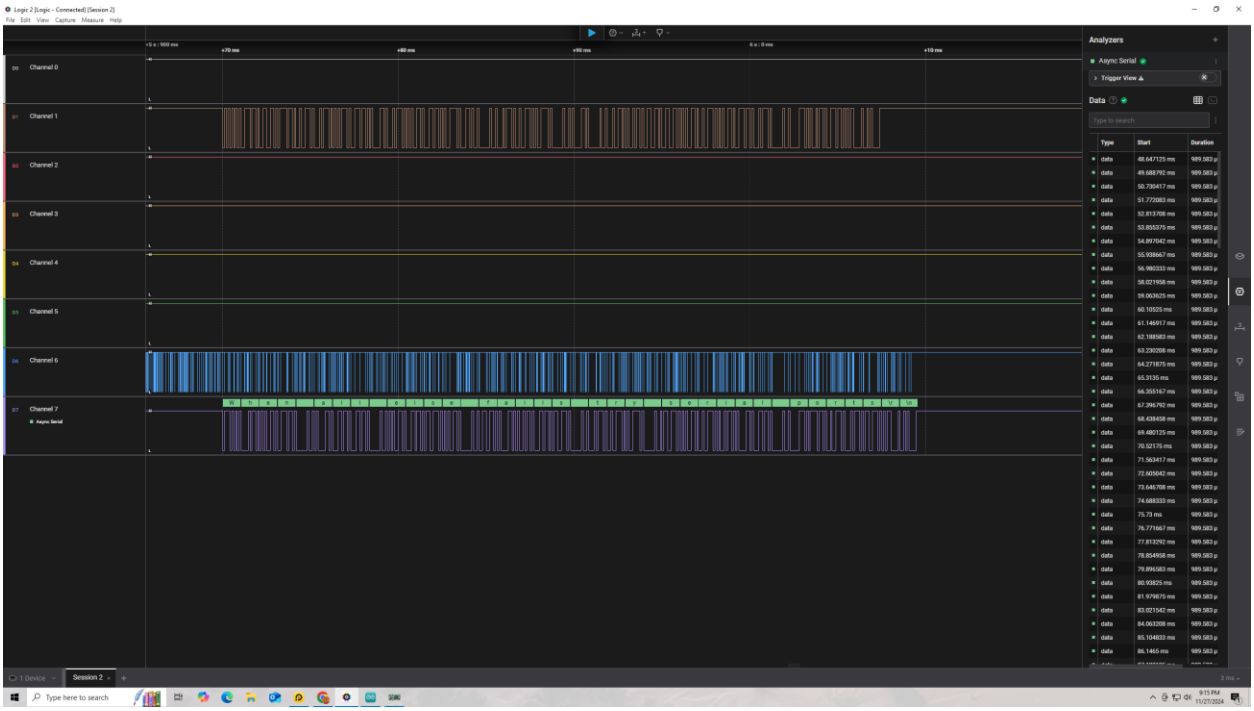
I then start with the setup from pin 0-7 and run a 10 second capture. I saw a long line of signal, which later I changed the analyzer to Async Serial (ASCII). It showed “This is not a message you are looking for”.



Next, I tried pin 7-14 and I see that Channel 1 does show a message: “Unfortunately, try different pin”

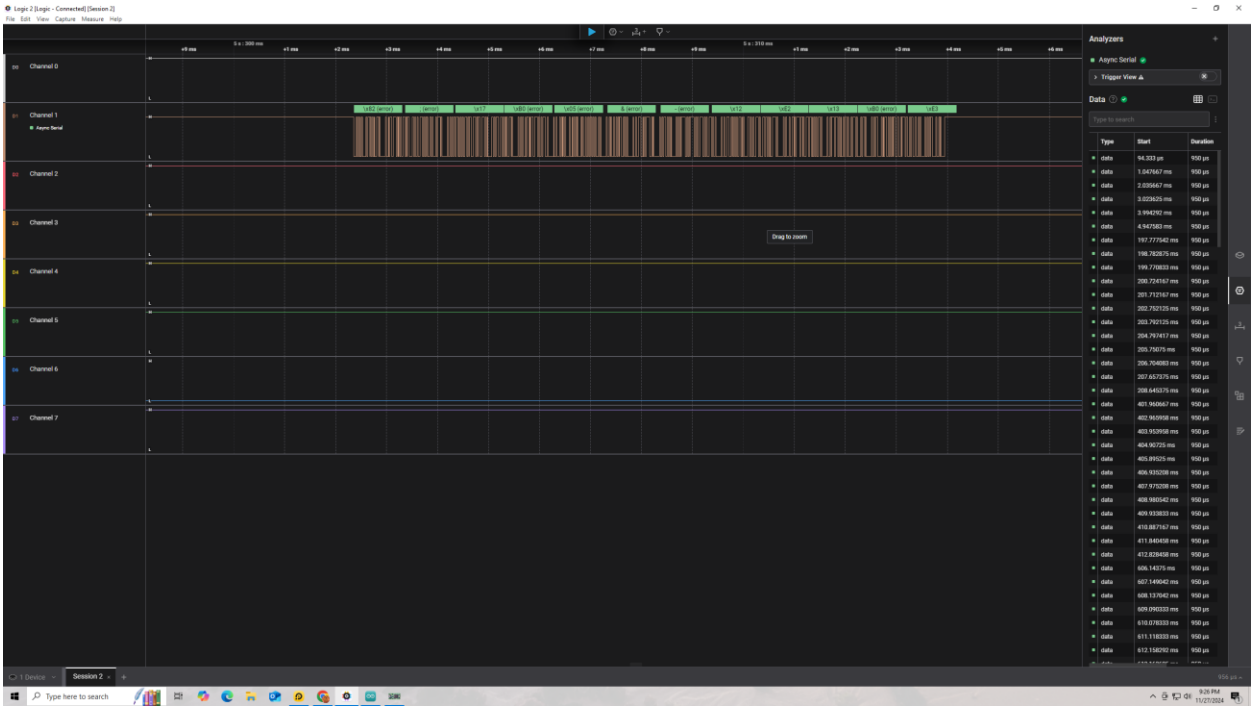


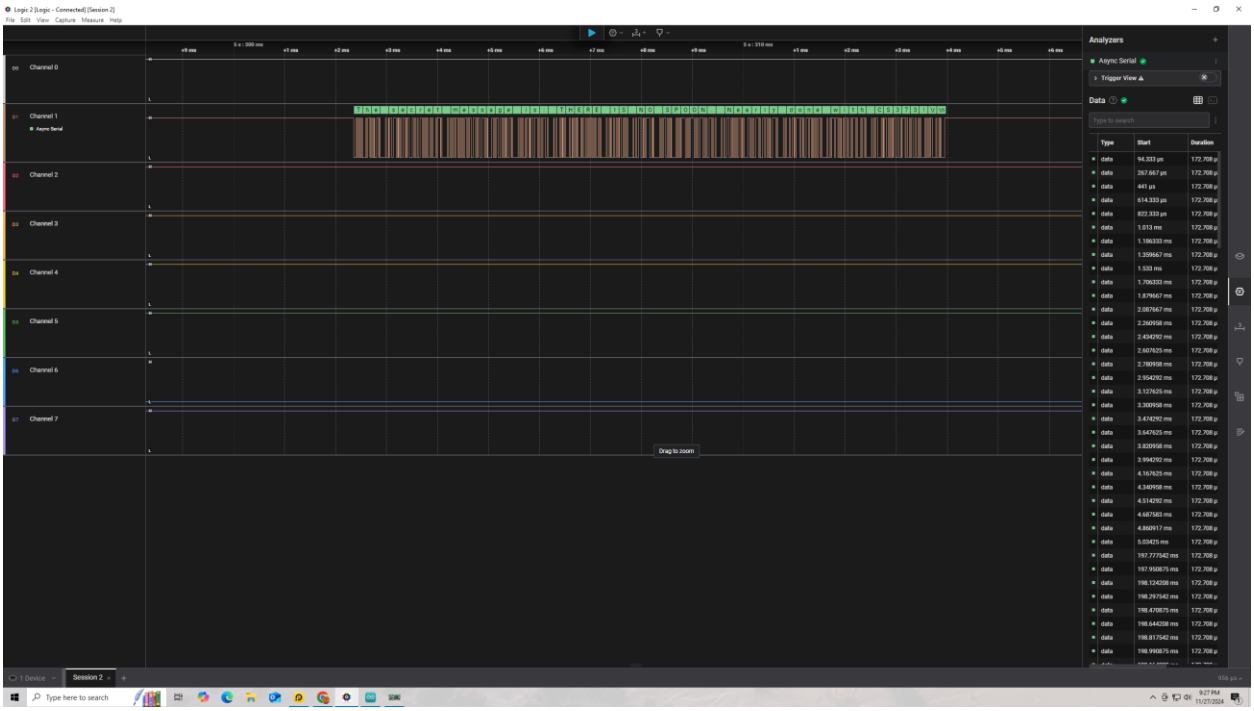
On the same trial, I also got a message from channel 7: “when all else fails try serial ports”



I then kept switching all the pins, from pin 7-14 and pin 14-21.

At pin 21, I saw a signal on channel 1. I then tried a different bit rate to see if it decoded anything. Starting from 1000 to all the way till 55000, I then successfully see the message: “The secret message is: There is no spoon. Nearly done with cs373!”





Overall, this was a really fun assignment. I think it was the coolest assignment I have done so far. At first, I was really confused if I would generate anything since I tried a whole day without any result, but later, thanks to some Ed discussion, I successfully finish this assignment.