November 7(Thursday)

During the class we got technical deliverables for the next week about series connected resistors circuit and with the help of Arduino we needed to measure voltage at different point of circuit as well as mathematical calculations to verify the digital voltage values that we get in Arduino code output.

November -8(Friday)

As this project needed to be done individually I started working on it . first I learned concept about series and parallel connected resistors circuits and how to measure voltage and currents as well as voltage drops across the circuit with the help of electrical theorems.

November-9-10(weekend) During the weekend I watched some videos of Arduino code and bread board circuits and wiring to align some ideas on the existing assignment I was working on it.

November-11(Monday) I had full day classes on Monday so I couldn't worked well on the project but I had discussion with friends about this assignment.

November-12(Tuesday) On Tuesday I finished wiring stuff on breadboard by connecting three resistors in series and with Arduino as well as Arduino code and written down the calculations of voltage to verify with the code output voltage. Everything was fine but I was facing difficulties in code output because it was not responding so I tried to changed board selection and it worked out at the end.

November-13(Wednesday) everything was working well so I prepared for the questions that professor might ask as counter questions .

summary ,

The technical part of my project went well, I think I answered all questions professor asked and my code ran well as well as code output voltage was matching the mathematical calculations . I am excited about the progress I've made and look forward to continuing my development in this area.