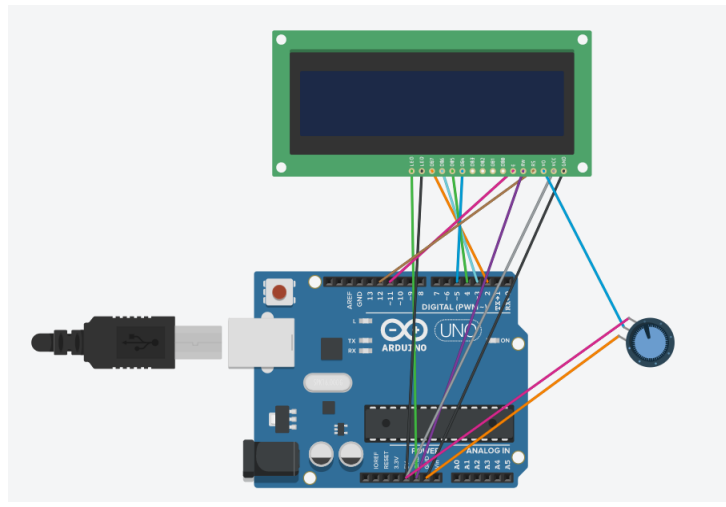


Exp. 8 LCD interface-programmable digital data display system

Circuit Diagram:



Theory:

Concept Used:

LCD (Liquid Crystal Display) is a type of flat panel display which uses liquid crystals in its primary form of operation. LCDs consume much less power than LED and gas-display displays because they work on the principle of blocking light rather than emitting it. Where an LED emits light, the liquid crystals in an LCD produces an image using a backlight.

Learning & Observations:

- Working of Arduino
- Coding for Arduino using C language
- Execution of LCD

Problems & Troubleshooting:

No problem occurred during the execution of the experiment.

Precautions:

- Connections should be tight
- Port and board selection should be correct
- Code should be written properly

Learning Outcomes:

Programmable Digital Data Display system was verified after uploading the program.