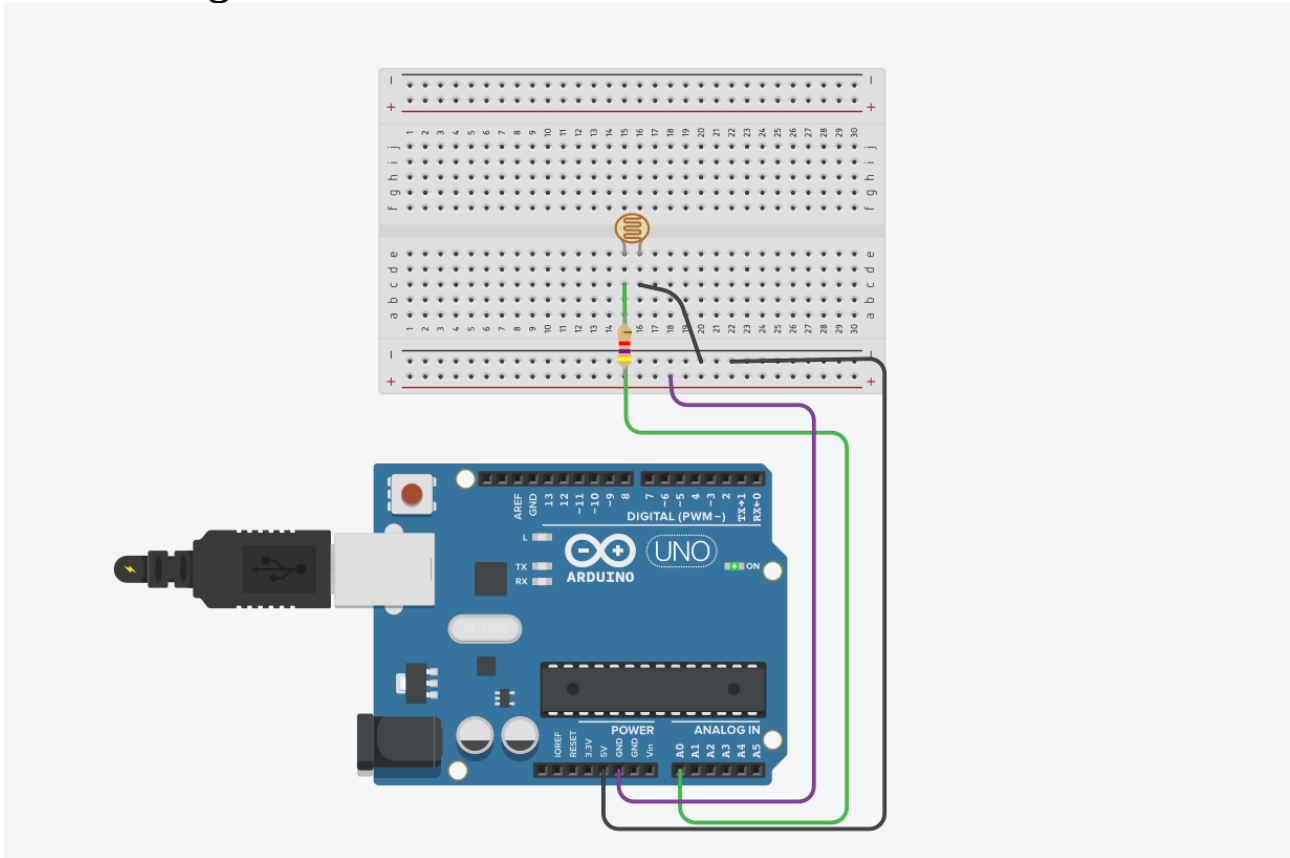# Circuit Diagram:

Theory:
Concepts Used-

Arduino board, Breadboard, Working of LDR, Analog inputs on Arduino Board.

Learning And Observations-

Working of LDR, working of analog pins on Arduino board, change of outputs from LDR with varying light intensity.

Problems And Troubleshooting-

Connections should be made properly, Resistor should be of suitable value, LDR should be working properly, Analog inputs pins should be used.

Precautions-

Resistence should be of appropriate magnitude, Pins on Arduino should be appropriately selected, All the components should be working and compatible.

Learning Outcomes-

We are now able to make visitor counting system using arduino and LDR and are able to output on the Serial output.