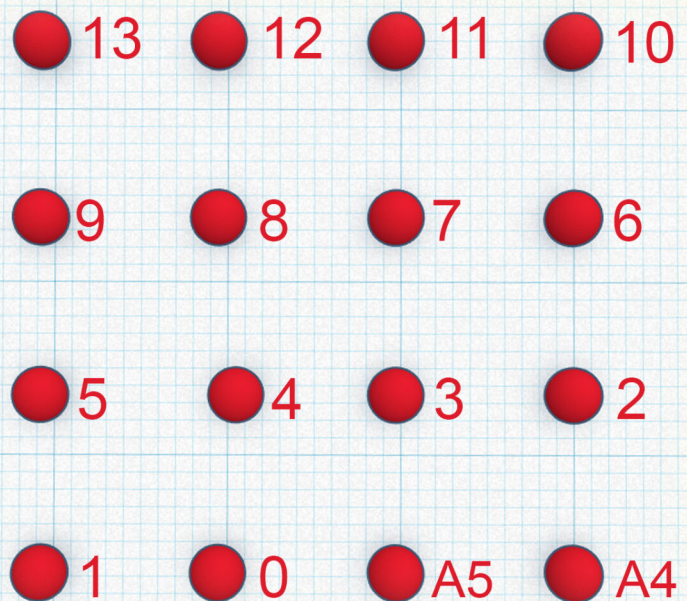
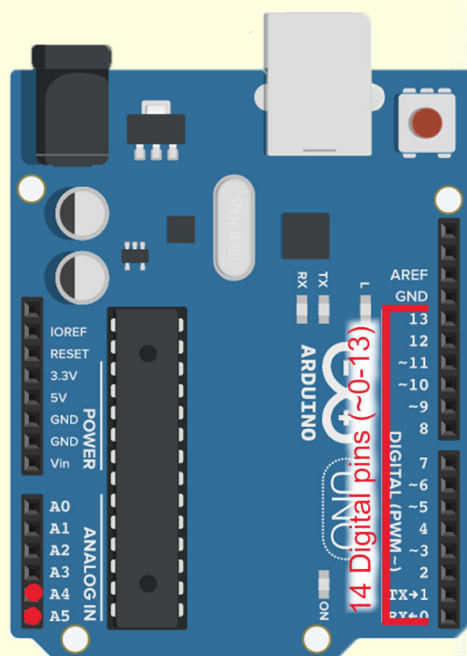
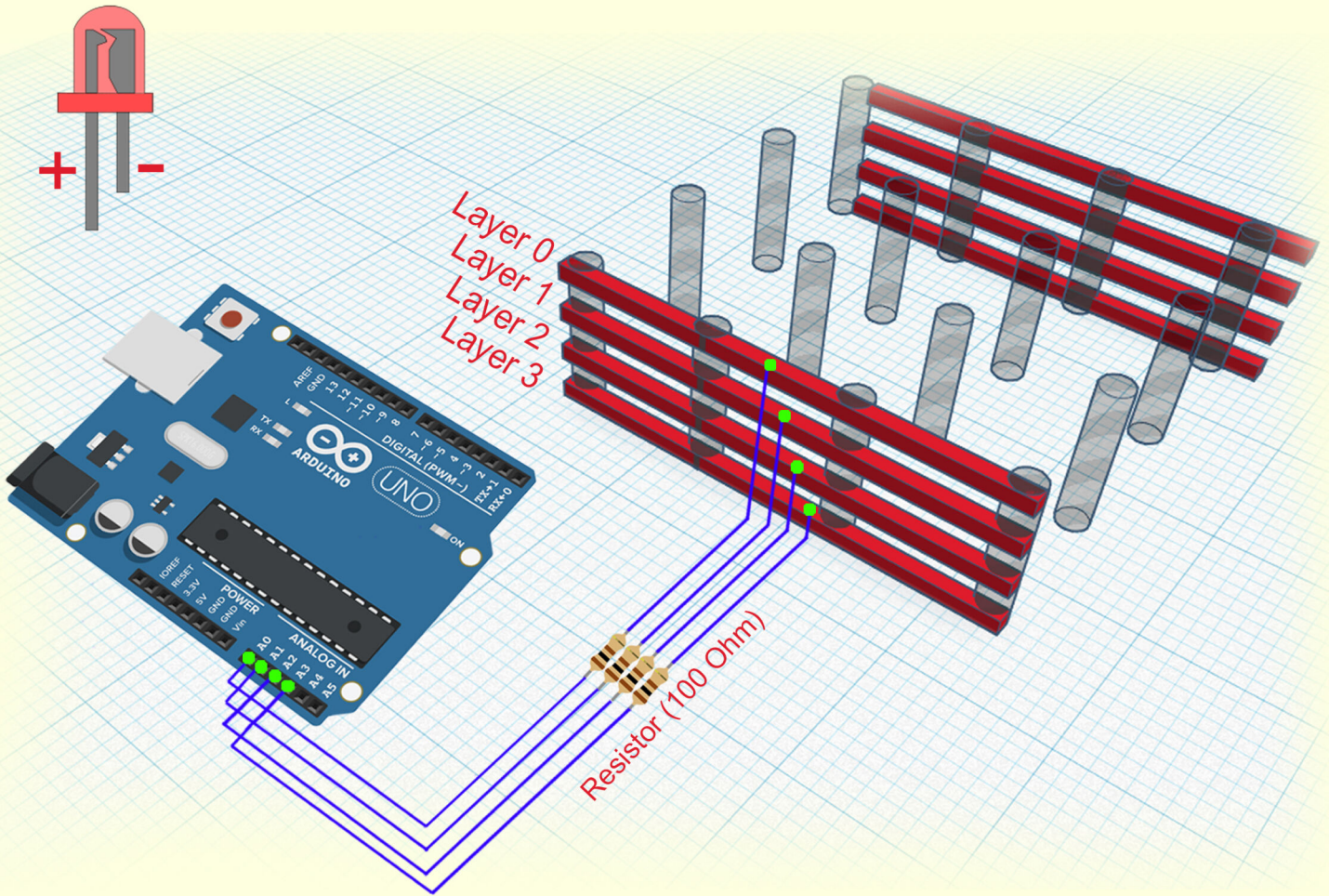


4x4x4 LED MATRIX

RAJ & JINISHA



PREREQUISITES :

LED

Arduino Uno

Male to Male connector

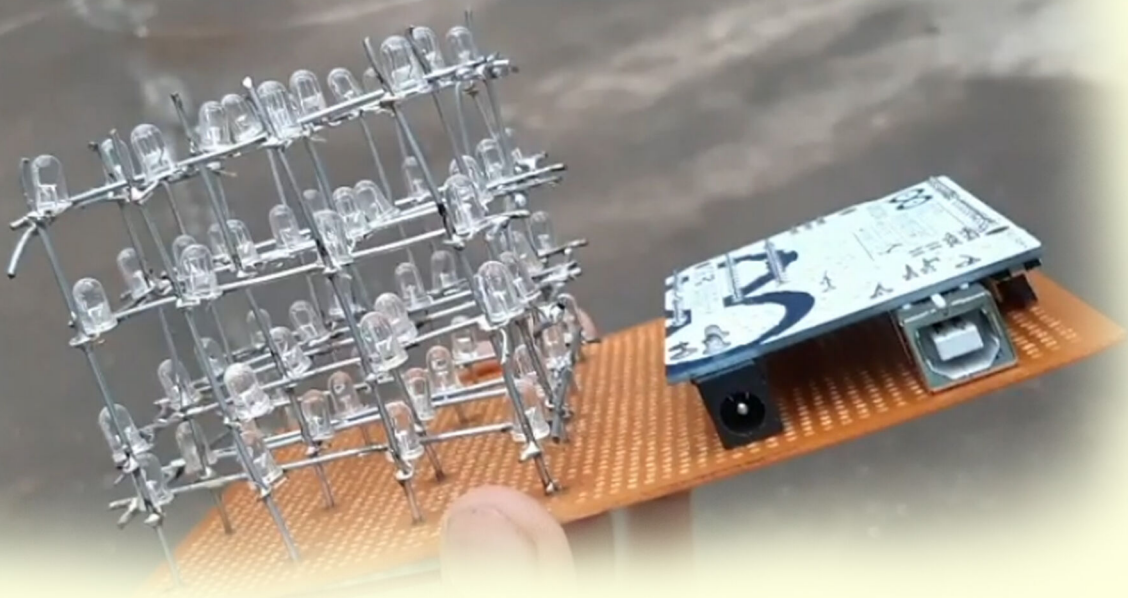
Resistors 100ohm

PCB Board

EXPLANATION :

Since Arduino Uno has 14 digital pins whereas we have 16 connections in one column so we connect 14 leds to digital pins and remaining 2 leds get connected to analog pins 4 and 5 respectively.

The remaining 4 analog pins get connected to 4 layers. So basically we have 2 arrays (columns and layers), now when index of layer points at 0 and column at 15, then the 15th led of layer 0 will light up.



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