Poterntiometer

Aim- led decreases fincreases gradually when the potentionneter is turned.

Hardware required=

- 1 derduino board
- 2 breadboard
 - 3 Jumper Wires
- 4 potentionates
- 3 Resister 1008hm
- 3.0 data cable

(Codo = ind LED_PIN=9: rivered setupe? Serial-begin (9600); prinMode (LED_PIN, OUTPUT); } uoid loop() Int analog Value = amaloghead (AO). int brightness =map(analog Value, 0, 1023, 0, 250) analog Write (LED-PIN, brightness); Serial-print ("smalog: "); Sorial . print (analog blue); Serial print (", Brigtness:"); Serial println (brightness); delay(100); Circuit diagram: vin 343 5V D13 012 R2 PWM Andrino AREF NIM Dio 79 69 24 GND