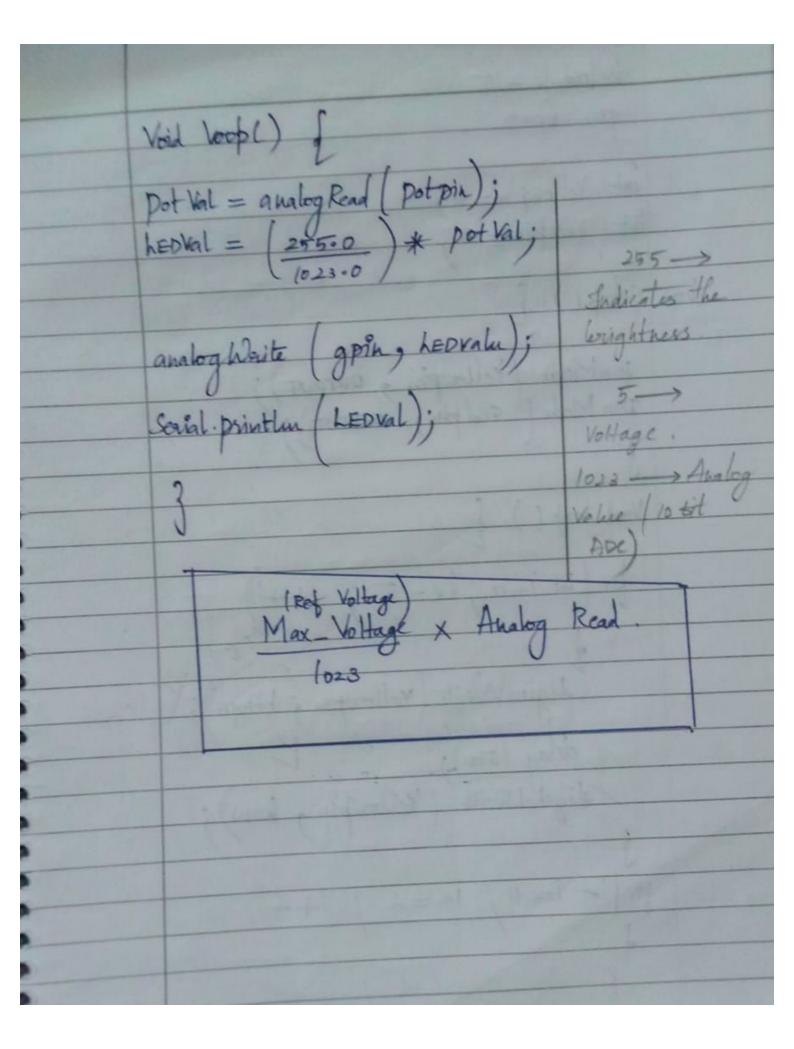


point slope formula y-y1 = m(x-x1) hedvall - hedval a = Slope / pot value 1 - pot value hedvall = Slope (pot Val 1) hed Val 1 = 255 pot. Val 1 hed Val_1 = 255 pst. Vall 7 210 int potopin = Ali int gpin = 6; int pot Val; int hED.Val; Ardinho is 10-bit ADC. While ARM has la-bit ADC Void Setup () 1 pin Mode (potpin, INPUT); pin Mode (gpin, OUTPUT); vocial begin (9600);



a. tav --) lould not represented as 0° D1 15 that's where the role of Analog lonces. Whats is the ADC? thatog to digital bouvestor To be reperific it converte Analog Voltage into a digital me Ao - A5 Can Read Agarted Voltages. Arduino has 10-tit ADC, which mean 2 10 = 1024 (distreate levels.). It has ability to detect 1024 dissocate levels. Working & APC The Internel Capacitor get charges from the analog Voltage. Once if it charges, it also heeds to discharge. The Microcontroller monitors the no of clock cycles that pass befor the Capacitor discharge. The humber of Clock Cycles are seturned the