	Name: Ahmed Ali	
Though	USN : IBM18CS135	YOUVA
1	Date: 23/09/	20
enp-3	Title - LED FADING WITH POTENTIOMETER	
	TES TRIVING WITH TOTAL TOTAL	
•	Aim:	
	Demostrate to show LED Fading (Analog Output)	
	II I P	
-	Hardware Required-	
	Arduino Board	
	Patentiometer	
	1FD Bull	0
•	CODE-	
	int ledPin = 9;	
	wid stup()	
	<b>\{</b>	
	Senal-Legin (9600);	
	Pin Mode (led Pin, OUTPUT).	
	?	·
	und loop ()	
	{ int analog Value = analog Read (Do);	
	int brightness = map (analog Value, 0, 1023, 0, 255)	
	analog Winte (led Pin, brightness)	-
	Senal-print ("Analogi");	
2-16-	Serial prot (analog value)	
	En al-print (", Brightners:");	
	Senal prottn (brightness)	
	delay (100);	
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	Ω <sub>7</sub>	D <sub>4</sub>	
	N <sub>2</sub>		T =
	۵,	ρ,	
1	ρ.	Do	<u> </u>
	5.	NO I	
-			(POAP) may 1
		OUTPUT):	Into I lead Pin
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