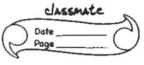
App	:- To make an andio amprifier using LN386(anatus:- 26(2), Breadboard, Speakers (2), andiofacte (1), sterie
(10	s.) (2), capacitors (1045 (6), 10045(2), 104pt (2), 4:
Cúrc	uit Diagram:
100 AC	ML
	$C_1 = C_2$ C_6 C_6
	5 × 220 WF
	C5 2041 108 R1
	C3 1004F 1046F 1046F
	\$5U 2 2046
0	ICS THE STILL RE
<u> </u>	
ele	conf: Andre amprifier is a device that converts chical signal to an acoustic signal. It takes imput strongth andre signal and generates a signal counc
obl	righ strength value.



Gain

1 gain

Pin 1 & Pin 8: Goin Control Pins: The gain is typically set to 20 but it can be increased to a maximum of 200 by using 104F (a) capaciton in lune.

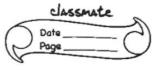
Pin 2 & Pin 3: August Pins: Pin 2 is -ue suprespin and is connected to ground live. Pin 3 is the suprespin. In this circuit it is connected through two components is potentionnesses and a capaciton ((3). Potentionnesses is used as a volume know. Capaciton is used to avoid DC voltage forom supresponse.

Pin 42 Bin 6: power supply: Bin 4 is connected to ground and fin 6 is connect to 5-120 notage supply through 2 capacitous (C, and C2) in parallel. C works on high pan fixor and (2 as the pan fixor this continue and allows to avoid fuctuation in power supply.

This: Output fou: It is connected to a capacitor (G) and a 'robol network'to speaner. G removes the DC component buon output signed, kince it cannot be fed by speaners whereas 'robol network' which includes a capacitor (G) & a resistor (Ri) in series-to remove sudden high frequency oscillations on

hoise.

But: Byporn: It is grounded using a capaciton (6). This prin has direct accept to signal input, used to remove power suppry noise. (avoiding noise buon vieng amprified).



3
Prioreadure:
-> connect all the components of the circuit as shown in the figure.
- Connect your phow through the audio jack and give power supply.
Try varying the neristance of the potentioneter Proorder to get the
best audio (i.e least noise).
Observation:
By changing value in the potentionneter, we intend to oreduce the noise
in po the oughet.
During praying music, current through the circuit varies according
to the frequency of the music.

By changing the value of capacitance between point Epons (c4), you can vary the bondium of sound sound.

Conclusion:

4)

qu

e.

The puriject experiment successfully achieved its objectives by designing and acustructing a luciable andio amprifier (remo).