	Name: Shweta Bhutada Class: TE Div.A Roll No.5
	Subject : Senson Lab Tople : Experiment Page No.: Date :
	ASSIGNMENT -1
	Void retup()
	Serial begin (9600);
	int sensorvalue = and og Read (AO);
5	Serial printer (sensor Value);
	delay (2);
	PER CALL DESCRIPTION OF THE STREET OF THE STREET
2)	void setup()
	promode (LED-BULLETIN, OUTPUT);
	3
	void loop()
	(
	digitalWeste (LED_BULLETIN, HIGH);
7	delay (1000);
C/F 24 -	digitaliveta (LED-BULLETIN, LOW);
	selay(1000);
	1
3)	viser, Breadboards, Cable CUSB 2.0)
	Wises, Breadboards, cable CUSB 2.0)
	Code:
#	Findude <athering< td=""></athering<>
14	define dut-apin AD
	roid setup()
7.7	

Scrial begin (9600); delay (500); scrial println ("DUT 11 + Humidity & Temperature sense delay (1000); DUT. reads (dut-apin); Serial print (" current humidaty ="); Serial print (DNT. humidity) Serial print (".1."). Serial print ("temperature = "); serial print (DUT. remperature); serial print ("E"); delay(5000); A) To setup an ultrasome sensor with an Aranine. you will need the journing components. - Andrino board (e.g. Ardrino Uno, Ardrino vano) " Cutrasanic sensors " Trumper mies Breadboard once you have these components never you can connect them: Connect the VCC pin of the utrasonic sensor module to the IV pin on the ordino. 2) Connect the GND por of the utrasonic sensor module to the GND por on the ordino.

\_Class: \_\_\_\_\_Div.; \_\_\_\_Roll No.: \_\_ Page No.: \_\_\_\_ 3) connect the Ing Pin of the Ulhasonic sensor module to any digital pin on the dedicino 4) Connect the Echo pin of the unvasonic sensor module to any digital pin on the nauino (e.g. pin 6) Ty you are using a breadpoold, use jumper wiles to make the connections between the connections between the connect. If not, you can directly connect. Them using jumper or vices. 0 SYITEEE 802.11 - WLAN/WIF-FI Wiseless Lan (WLAN, also Wifi) is a set of low tier. Eurestrial, network technologies for dais communic - ation. The WIAN standards operates on the 2:44 and 5 GMZ Industrial (Science and Medical (ISM) frequency bands 26 specified by the IEE 802.11 standard and it comes in many different variations like IEEE 802:11 a/b/g/m-The application of WLAN has been most visible in the consumer market where not partable computers suppor at least one of the variables. 11- IEEE 802.15:1-Bluetooth The IEEE 802.15.1 Standard is the basis of the Bluerooth viceles communication technology Bluetooth is a low tier, and how, revestial, willen standard for short range communicat It is sengued, for small, and low cost, devices.

with lower power consumption. The technology is designed for small derices: class & class, and class & where range is 100 m, 10 m as I'm respectively. Wirelen LAN operates in the sance 2:4 GHz frequency band as Bluetaoth, but the two reconscions use different signalling meetods which should prevent interference. iii - IEEE 802:15-4-ZigBee Ligher is a lower-tier, and her, terrestrolywigen, The TEEE 807.15.4 Standard is commonly known as higher but higher has some features in addition to those of 802.15.4 It operates in the 868 MMZ, 915 MMZ, and 2.4 GMZ ISM bands. Stondard Ad noc Inpastructured 802. 11 alblg/n 40 802-15-1 400 No 80215.4 yes NO.