#### 4th Semester, Academic Year 2020-21

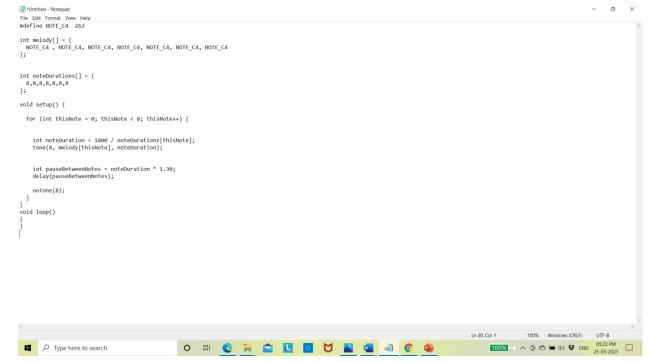
Date:25/01/2021

Name: T.LOHITH SRINIVAS	SRN:PES2UG19CS203	Section
		D

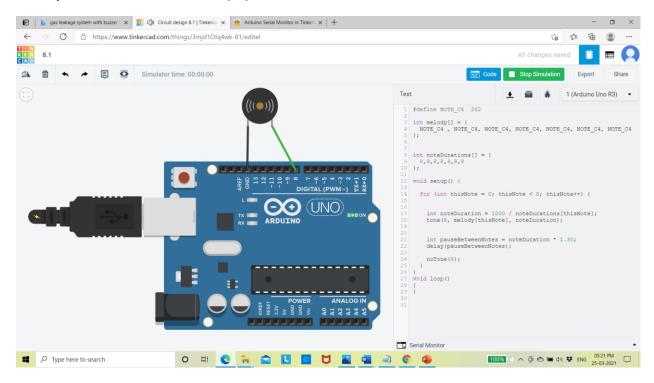
Week# 8

Program Number: \_\_\_\_1\_

### 1. Implement a Buzzer with Arduino Simulation in Tinkercad



### Output Screen Shot (1)



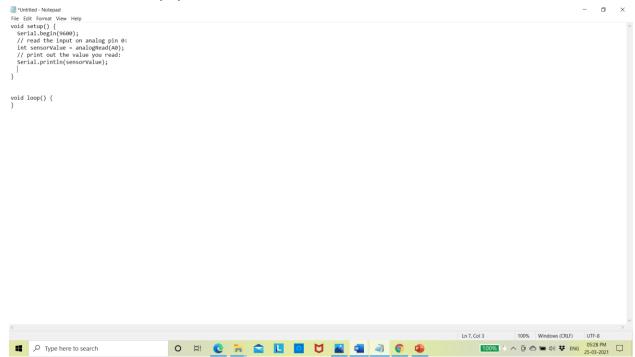
#### 4th Semester, Academic Year 2020-21

Date:25/03/2021

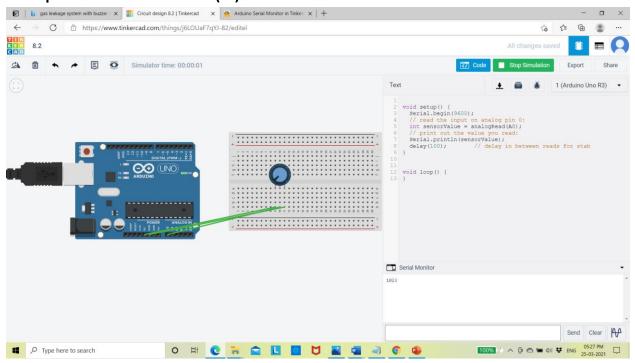
Name: T.LOHITH SRINIVAS	SRN:PES2UG19CS203	Section
		D

Week#\_\_\_\_8\_\_\_ Program Number: \_\_\_\_2\_

Implement a Tinkercad simulation that will read the value of a potentiometer and display it in serial monitor.



#### Output Screen Shot (1)



#### 4th Semester, Academic Year 2020-21

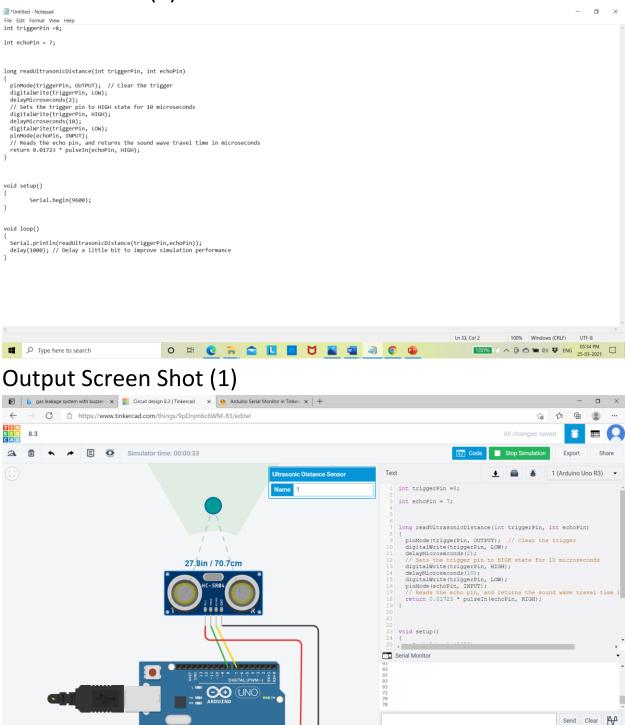
Date:25/03/2021

Name: T.LOHITH SRINIVAS	SRN:PES2UG19CS203	Section D
Week#8F	Program Number:	3

Implement a Tinkercad simulation to measure a distance with the HC-SR04 ultrasonic sensor and show the result on the serial monitor.

#### Arduino Code (1).

Type here to search



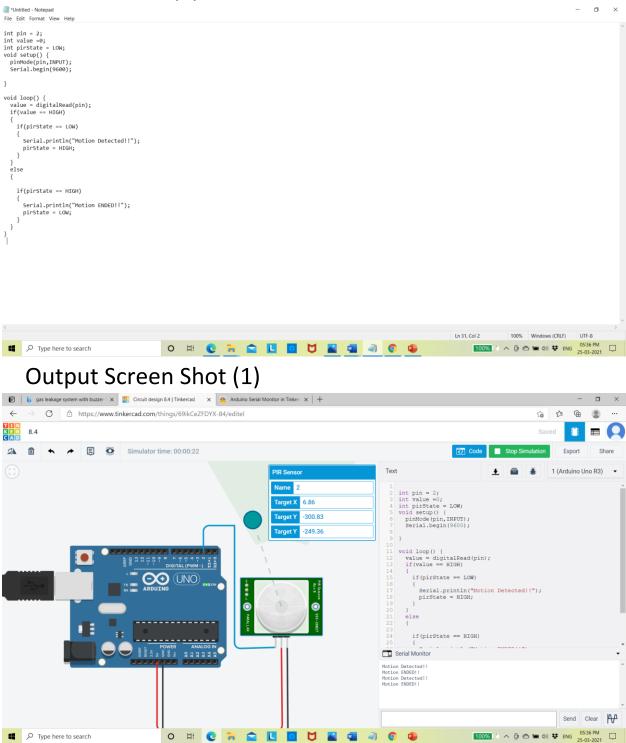
O H C 7 C U O V W

### 4th Semester, Academic Year 2020-21

Date:25/03/2021

Name: T.LOH	ITH SRINIVAS	SRN:PES2UG19CS203	Section D
Week# 8	Р	rogram Number: 4	

Implement a Tinkercad simulation to sense movement in a room with a PIR motion sensor and Arduino's digital input.



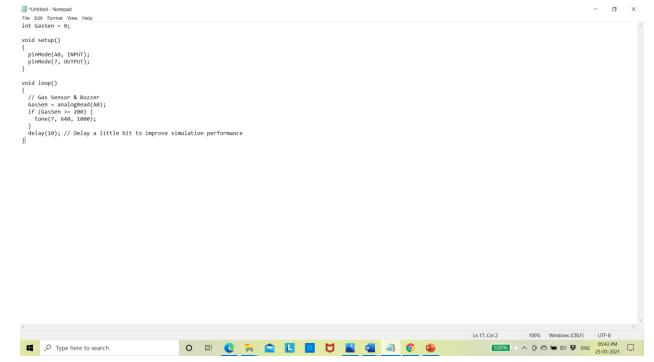
#### 4th Semester, Academic Year 2020-21

Date:25/03/2021

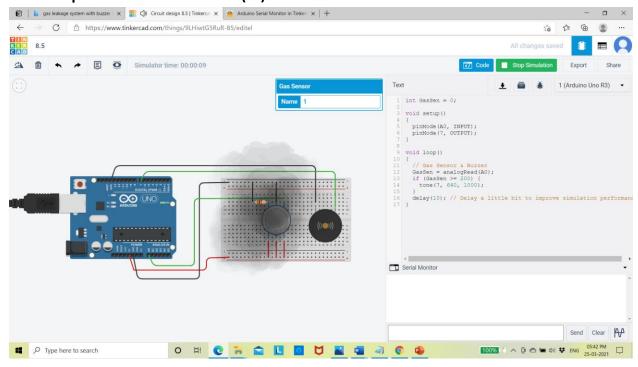
Name: T.LOHITH SRINIVAS	SRN:PES2UG19CS203	Section
		D

Week#\_\_\_\_8\_\_\_ Program Number: \_\_\_5\_\_

Implement a Tinkercad simulation for gas leakage detection with buzzer system using Arduino



### Output Screen Shot (1)



#### **Disclaimer:**

- The programs and output submitted is duly written, verified and executed by me.
- I have not copied from any of my peers nor from the external resource such as internet.
- If found plagiarized, I will abide with the disciplinary action of the University.

Signature: T.LOHITH SRINIVAS

Name: T.LOHITH SRINIVAS

SRN: PES2UG19CS203

Section: D

Date: 25/03/2021