# **WEEK 1 ASSIGNMENT**

NAME: ANIRUDH R

**REG NO: 20BEC1276** 

**COLLEGE: VIT CHENNAI** 

**INTERN DOMAIN: IOT** 

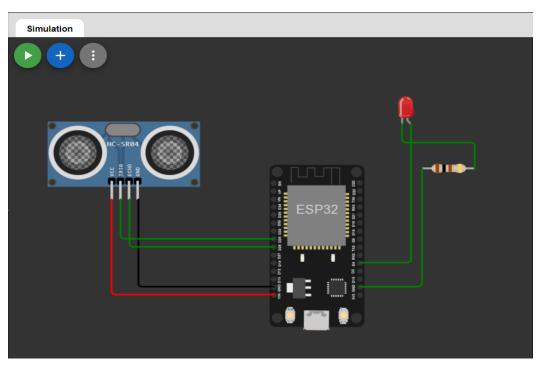
# TASK:

In Wokwi simulator, if the distance is less than 100 cms for ultrasonic sensor, glow a LED.

# **WOKWI LINK:**

https://wokwi.com/projects/365167589978278913

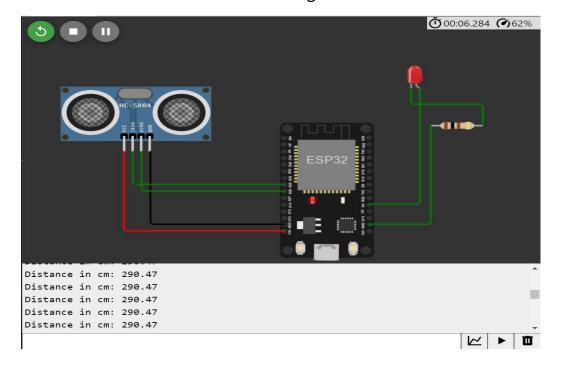
# **Circuit Diagram:**



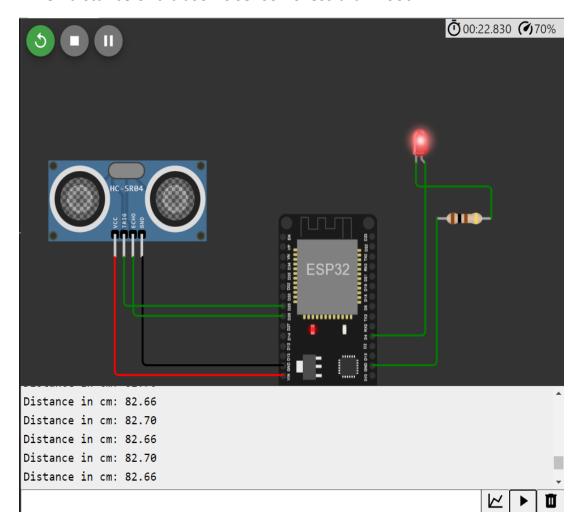
#### CODE:

# **OUTPUTS:**

When distance of ultrasonic sensor is greater than 100cm:



When distance of ultrasonic sensor is less than 100cm:



**RESULT:** Given task was carried out successfully.