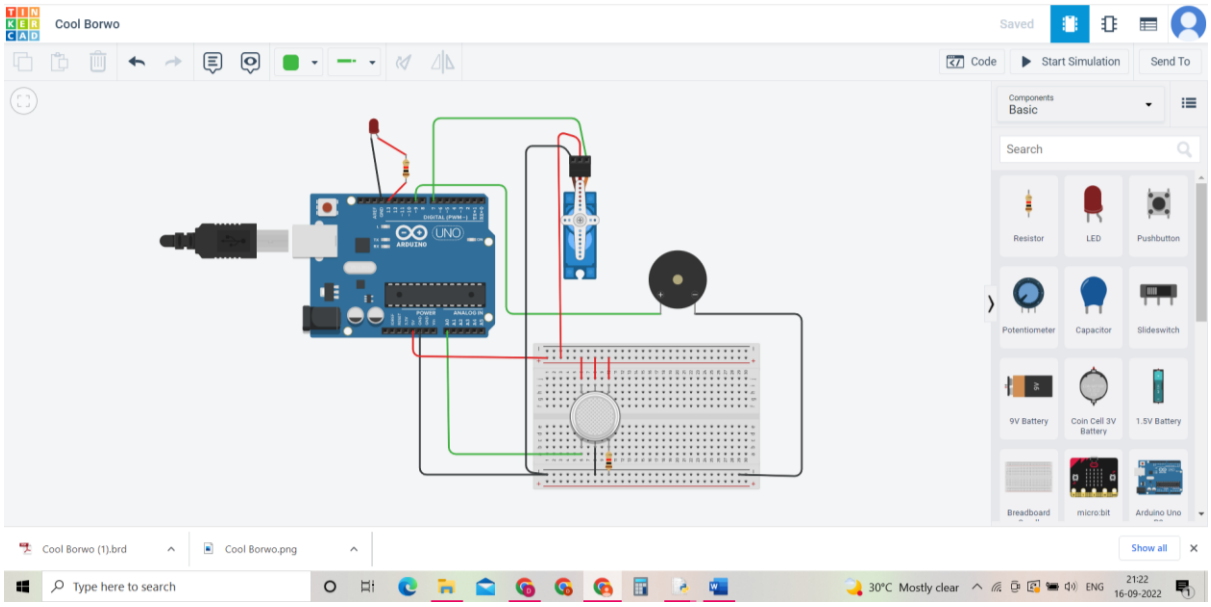
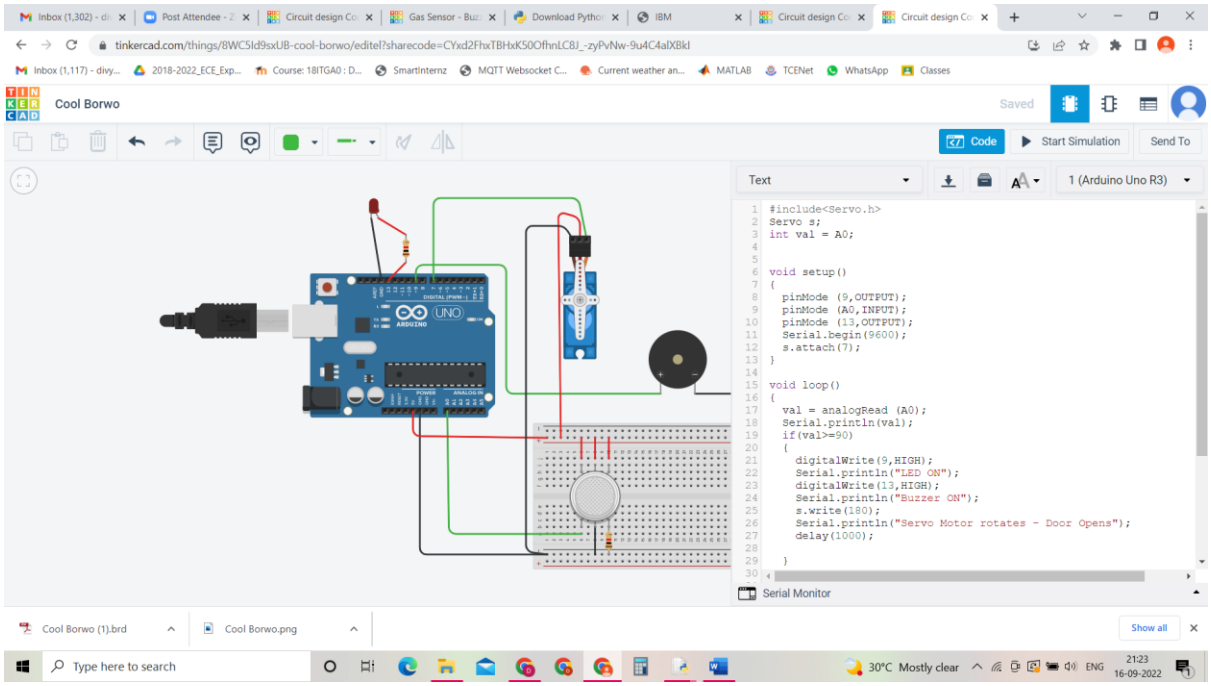
ASSIGNMENT 1:

SMART HOME: USING 2 SENSORS,LED AND BUZZER

CIRCUIT SCREENSHOT:

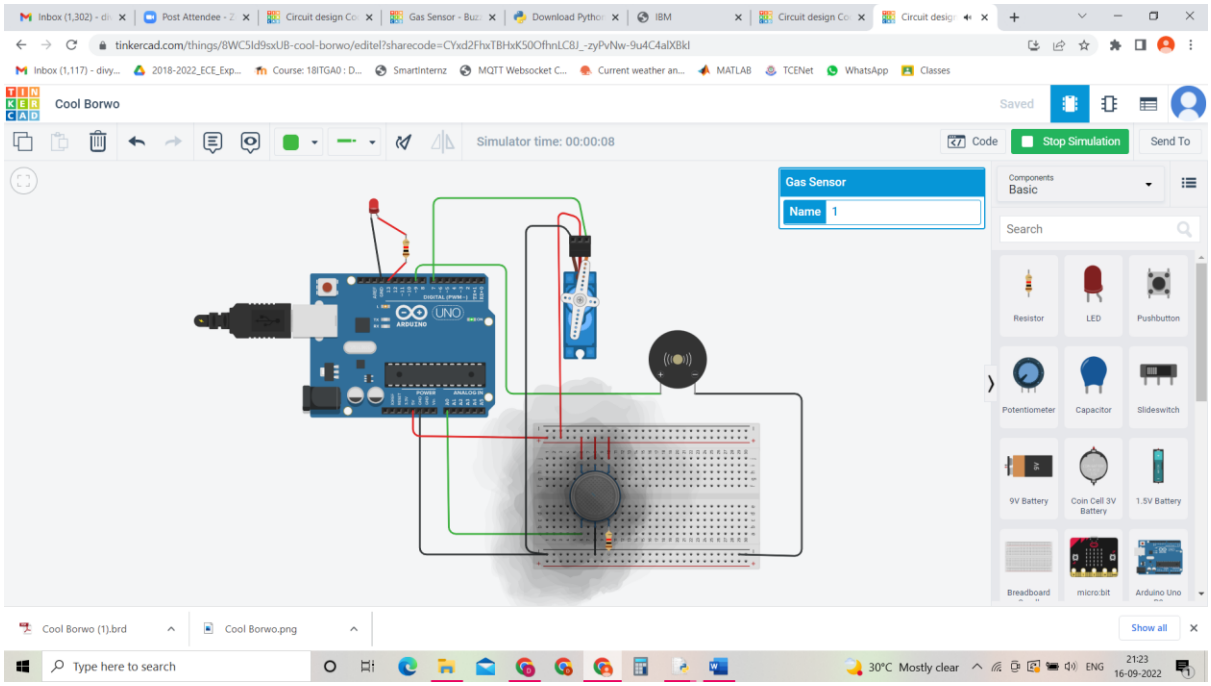


CODE SCREENSHOT:



SIMULATION SCREENSHOT:

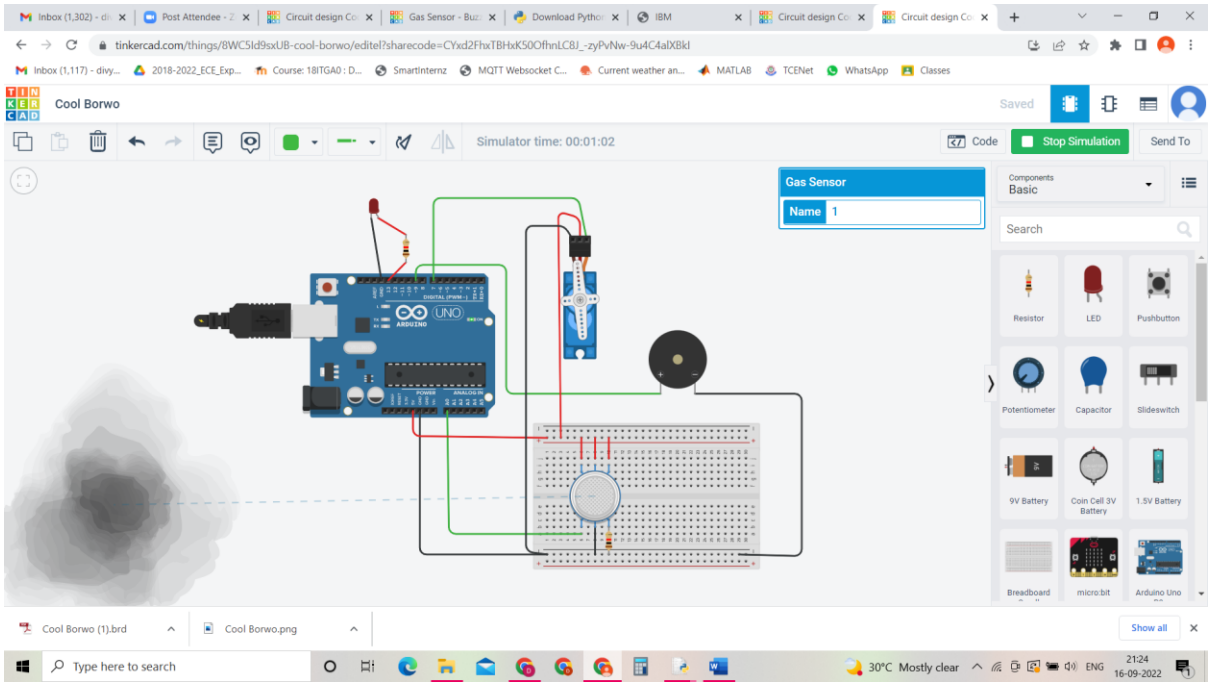
Case1 : When smoke is detected near the Gas Leakage Sensor:



o/p:

LED GLOWS, BUZZER GETS ON , SERVO MOTOR ROTAES 180 DEGREE CLOCKWISE INDICATING DOOR OPEN

Case 2: when smoke is away from sensor



o/p:

LED DOES NOT GLOWS, BUZZER OFF, SERVO MOTOR ROTAES 180 DEGREE ANTICLOCKWISE INDICATING DOOR CLOSE