Assignment -1
C Programming

Assignment Date	19 September 2022
Student Name	M.NAVEEN
Student Roll Number	821219104013
Maximum Marks	2 Marks

Question-1:

Make a smart Home with 2-3 sensors, LED, Buzzer in single code and connection.

Solution:

```
void setup()
{
pinMode(13, OUTPUT);
pinMode(12, OUTPUT);
pinMode(8, OUTPUT);
pinMode(7, OUTPUT);
pinMode(4, OUTPUT);
pinMode(2, OUTPUT);
}
void loop()
{
digitalWrite(2,LOW);
delay(1000);
digitalWrite(2,HIGH);
digitalWrite(4, HIGH);
delay(1000);
digitalWrite(4, LOW);
digitalWrite(7, HIGH);
delay(1000);
digitalWrite(7, LOW);
digitalWrite(13, HIGH);
Serial.println("STOP");
delay(1000); // Wait for 1000 millisecond(s)
digitalWrite(13, LOW);
digitalWrite(12,HIGH);
Serial.println("WAIT");
delay(1000); // Wait for 1000 millisecond(s)
digitalWrite(12, LOW);
digitalWrite(8,HIGH);
Serial.println("GO");
delay(1000);
digitalWrite(8,LOW);
}
```