

Assignment -1
C Programming

Assignment Date	19 September 2022
Student Name	S.VINOTH
Student Roll Number	821219106003
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);
}
```

