Assignment -1
Tinker Cad Circuit

Assignment Date	12 September 2022
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Maximum Marks	2 Marks

Make a Smart Home in Tinker cad, using 2+ sensors, Led, Buzzer in single code and circuit.

Solution:

```cpp
// C++ code
//
void setup()
{
  pinMode(A0, INPUT);
  Serial.begin(9600);
  pinMode(9, OUTPUT);
}

void loop()
{
  Serial.println(analogRead(A0));
  if (analogRead(A0) > 1000) {
    digitalWrite(9, HIGH);
  } else {
    digitalWrite(9, LOW);
  }
  delay(10); // Delay a little bit to improve simulation performance
}
```

Output