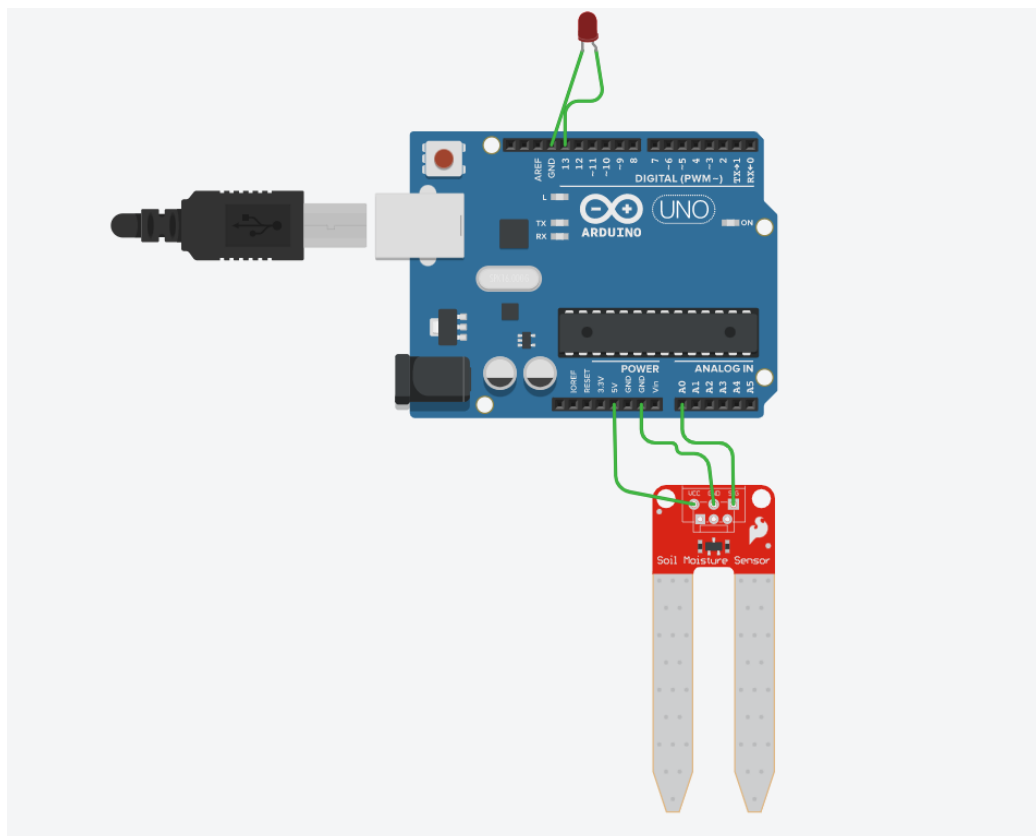


# Assignment 1 – Home automation

Assignment date	8 September 2022
Student name	Atchayapriya M
Student roll number	2019504509
Maximum marks	2 marks

Home automation using tinker cad

Design:



## Components required:

Components	Quantity
Arduino uno	1
Moisture sensor	1
LED	1

## Arduino code:

```
const
int
Pin=0;

    const int limit=480;


void setup() {
    Serial.begin(9600);
    pinMode(13,OUTPUT);

}

void loop() {
    int value;
    value=analogRead(Pin);
    Serial.println("analog value:");
    Serial.println(value);
    delay(1000);
    if (value<limit)
    {
        digitalWrite(13,HIGH);
    }
    else
    {
        digitalWrite(13,LOW);
    }

}
```