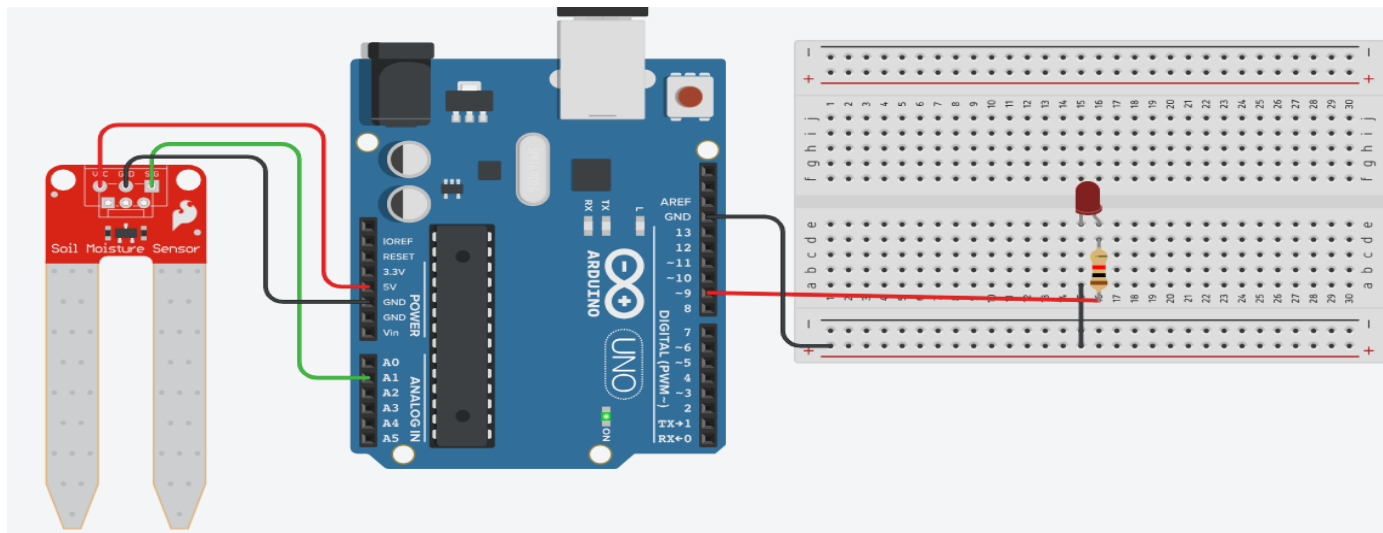


7. Soil Moisture



```
void setup()
{
  Serial.begin(9600);
  pinMode(9,OUTPUT);
}

void loop()
{
  int val = analogRead(A1);
  delay(250);
  int perc = (val/876.00)*100;
  if(perc>30){
    digitalWrite(9,HIGH);
    delay(1000);
  }
  else{
    digitalWrite(9,LOW);
  }
}
```