

## Assignment 1

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```
int moisture_data = 0;
void setup()
{
  pinMode(A0, INPUT);
  Serial.begin(9600);
  pinMode(13, OUTPUT);
  pinMode(6, OUTPUT);
}
void loop()
{
  moisture_data = analogRead(A0);
  Serial.println(moisture_data);
  if (moisture_data < 21) {
    digitalWrite(13, HIGH);
    digitalWrite(6, HIGH);
  }
  else {
    digitalWrite(13, LOW);
    digitalWrite(6, LOW);
  }
  delay(10);
}
```

