

ASSIGNMENT 1

Date	12 September 2022
Team ID	PNT2022TMID48581
Name	Nathiya T
Project Name	Project – Smart Farmer-IoT Enabled Smart Farming Application
Maximum Marks	2 Marks

PROGRAM

```
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);
```

}

