

ASSIGNMENT 1

Date	12 September 2022
Team ID	PNT2022TMID00114
Name	Prabu Viruppalingam
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);

  }
```

