

ASSIGNMENT 1

Date	12 September 2022
Team ID	PNT2022TMID48581
Name	Ramya. R
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);

}
```

