

ASSIGNMENT 1

Date	12 September 2022
Team ID	PNT2022TMID44170
Name	RANJANI. M
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);

}
```

