

ASSIGNMENT 1

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|---------------|--|
| Date | 12 September 2022 |
| Team ID | PNT2022TMID45868 |
| Name | Gomathi.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);

}
```

