**ASSIGNMENT 1**

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| Date | 12 September 2022 |
| Team ID | PNT2022TMID48581 |
| Name | Nitharshana 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);

}

