**Name:S.Brentha**

**ASSIGNMENT 1**

**Project – Smart Farmer-IoT Enabled Smart Farming Application 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);

}

