SPRINT 1

Date	04 November 2022
Team ID	PNT2022TMID50618
Project Name	Project – Smart Farmer-IoT Enabled smart Farming Application

```
#include <Servo.h> Servo
myservo; int m=0; int n=0;
int pos = 0; void setup()
{
pinMode(A0, INPUT_PULLUP);
pinMode(A1, INPUT_PULLUP);
pinMode(8,OUTPUT);
Serial.begin(9600);
myservo.attach(9);
digitalWrite(8, HIGH);
} void loop() { int m=
analogRead(A0); int n=
analogRead(A1);
Serial.println(m);
```

```
delay(10);
Serial.println(n);
delay(200); if (m>=980)
   myservo.write(90);
digitalWrite(8, LOW);
delay(1000); } else
if(m \le 970)
digitalWrite(8, HIGH);
      if
             (n > = 980)
{myservo.write(0);
digitalWrite(8, LOW);
delay(1000); } else
if(n<=970)
{ digitalWrite(8, HIGH); } else{
digitalWrite(8, HIGH);
```

Soil Moisture Sensor 2 Servo Motor Soil Moisture Sensor 1 5V Single Channel Relay TECHATRONIC.COM 12 Volt DC Supply 12 Volt DC Pump Arduino UNO