

SPRINT 1

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| Date | 14 November 2022 |
| Team ID | PNT2022TMID45717 |
| 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<=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);
}
}

```

