

IOT LAB-5

Shreyas.M
18M18CS105

POTENTIOMETER

```
void setup()
{
    Serial.begin(9600);
    pinMode(9, OUTPUT);
}

void loop()
{
    int analog = analogRead(A0);
    int brightness = map(analog, 0, 1023, 0, 255);
    analogWrite(9, brightness);
    Serial.print("\n analog value");
    Serial.print(analog);
    Serial.print("\n brightness value");
    Serial.print(brightness);
}
```