



Code

```
int potPin = A0;
```

```
int motorValue = 0;

void setup() {
  Serial.begin(9600);
}
```

```
void loop() {
```

```
  int motorPin = 9;
  int potValue = 0;

  potValue = analogRead(potPin);

  motorValue = map(potValue, 0, 1023, 0, 255);

  analogWrite(motorPin, motorValue);

  Serial.print("potentiometer = ");

  Serial.print(potValue);

  Serial.print("\n");

  Serial.print("t motor = ");

  Serial.println(motorValue);

  delay(2);
}
```