PRACTICAL REPORT

For IoT Practical

2022

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6.15 – Getting Inputs From Sensor

You want to respond to the rate of rotation. This can be used to keep a vehicle or robot moving in a straight line or turning at a desired rate.

❖ Arduino Code:

```
const int inputPin = 0;
int rotationRate = 0;

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

void loop()
{
    rotationRate = analogRead(inputPin);
    Serial.print("rotation rate is ");
    Serial.println(rotationRate);
    delay(100);
}
```

❖ Output / Circuit Diagram: