



PRACTICAL REPORT

For IoT Practical



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🚦 5.6 – Simple Analog and Digital Input

➔ Arduino Code:

```
const int potPin = 0;
const int ledPin = 13;
int val = 0;

void setup()
{
    pinMode(ledPin, OUTPUT);
}

void loop()
{
    val = analogRead(potPin);
    digitalWrite(ledPin, HIGH);
    delay(val);
    digitalWrite(ledPin, LOW);
    delay(val);
}
```

➔ Output / Circuit Diagram:

