

```
char data = 0;
```

```
void setup() {
```

```
    Serial.begin(9600);    // Start Serial Communication
```

```
    pinMode(13, OUTPUT);  // Set pin 13 as output
```

```
}
```

```
void loop() {
```

```
    if (Serial.available()) {
```

```
        data = Serial.read(); // Read incoming data
```

```
        if (data == '1') {
```

```
            digitalWrite(13, HIGH); // Turn ON LIGHT
```

```
        } else if (data == '0') {
```

```
            digitalWrite(13, LOW); // Turn OFF LIGHT
```

```
        }
```

```
    }
```