

```
char ch;
void setup()
{
    pinMode(3, OUTPUT);
    pinMode(5, OUTPUT);
    pinMode(6, OUTPUT); //Configures pins 3, 5, and 6 as output pins to
control the LEDs.
    Serial.begin(9600); //Initializes serial communication with a baud rate of
9600.
}
void loop()
{
    if(Serial.available()){
        ch=Serial.read();
    }
    if(ch=='R' || ch=='r'){
        digitalWrite(3, LOW);
        digitalWrite(5, HIGH);
        digitalWrite(6, HIGH);
    }
    if(ch=='G' || ch=='g'){
        digitalWrite(5, LOW);
        digitalWrite(6, HIGH);
        digitalWrite(3, HIGH);
    }
    if(ch=='B' || ch=='b'){
        digitalWrite(6, LOW);
        digitalWrite(5, HIGH);
        digitalWrite(3, HIGH);
    }
}
```