

IOT WITH AI PRACTICAL NO 2

SOURCE CODE:

```
int mychar = 0;
void setup() {
  Serial.begin(9600);

  pinMode(7,OUTPUT);
  pinMode(8,OUTPUT);
  pinMode(9,OUTPUT);
}
void loop() {

  if (Serial.available() > 0) {
    mychar = Serial.read();
    Serial.print("I received: ");
    Serial.println(mychar);

  }
  if(mychar == 114 ) //Red
  {
    digitalWrite(7,HIGH);
    digitalWrite(8,LOW);
    digitalWrite(9,LOW);
  }
  if(mychar == 103 ) // Green
  {
    digitalWrite(7,LOW);
    digitalWrite(8,HIGH);
    digitalWrite(9,LOW);
  }
  if(mychar == 98 ) // Blue
  {
    digitalWrite(7,LOW);
    digitalWrite(8,LOW);
    digitalWrite(9,HIGH);
  }
}
```

OUTPUT:

