

```
void setup()
{
  Serial.begin(115200);
  pinMode(5, OUTPUT);
  pinMode(6, OUTPUT);
}

void loop()
{
  int n = Serial.available();
  if(n > 0)
  {
    byte c = Serial.read();
    if( c == '0')
    {
      digitalWrite(5, 0);
      digitalWrite(6, 0);
    }
    if( c == '1')
    {
      digitalWrite(5, 1);
      digitalWrite(6, 0);
    }
    if( c == '2')
    {
      digitalWrite(5, 0);
      digitalWrite(6, 1);
    }
    if( c == '3')
```

```
{  
    analogWrite(5,120);  
    digitalWrite(6,0);  
}  
if( c == '4')  
{  
    analogWrite(5,200);  
    digitalWrite(6,0);  
}  
}  
delay(100);  
}
```