

```
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(5,190);
digitalWrite(6,0);
}
```

```
}  
}  
  delay(100);  
}
```