```
void setup()
{
  Serial.begin(115200);
  pinMode(5,INPUT);
  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(5,128);
       digitalWrite(6,0);
     }
      if(c == '4')
     {
       analogWrite(5,190);
       digitalWrite(6,0);
     }
   }
   delay(100);
}
```