

Bluetooth Car

```
int M1 = 5;
int M2 = 6;
int M3 = 9;
int M4 = 10;
int S = 255;
int state;

void setup() {
  Serial.begin(9600);
  pinMode(M1, OUTPUT);
  pinMode(M2, OUTPUT);
  pinMode(M3, OUTPUT);
  pinMode(M4, OUTPUT);
}

void loop()
{
  if(Serial.available(>0)
  {
    state = Serial.read();
  }
  if(state==1)
  {
    analogWrite(M4, 0);
    analogWrite(M2, 0);
    analogWrite(M3, S);
    analogWrite(M1, S);
  }
  if(state==2)
  {
    analogWrite(M3, 0);
    analogWrite(M1, 0);
    analogWrite(M4, S);
    analogWrite(M2, S);
  }
  if(state==3)
  {
    analogWrite(M4, S);
    analogWrite(M2, 0);
    analogWrite(M3, 0);
    analogWrite(M1, S);
  }
  if(state==4)
  {
    analogWrite(M4, 0);
    analogWrite(M2, S);
    analogWrite(M1, 0);
    analogWrite(M3, S);
  }
  if(state==0)
  {
    analogWrite(M4, 0);
    analogWrite(M2, 0);
    analogWrite(M3, 0);
    analogWrite(M1, 0);
  }
  delay(100);
}
```