int motor1=2;

int motor2=3;

int motor3=4;

int motor4=5;

char data;

void setup()

{

Serial.begin(9600);

pinMode(motor1,OUTPUT);

pinMode(motor2,OUTPUT);

pinMode(motor3,OUTPUT);

pinMode(motor4,OUTPUT);

}

void loop()

{

if(Serial.available())

{

data=Serial.read();

Serial.print(data);

}

if(data=='f')

{

digitalWrite(motor1,LOW);

digitalWrite(motor2,HIGH);

digitalWrite(motor3,HIGH);

digitalWrite(motor4,LOW);

}

else if(data=='b')

{

digitalWrite(motor1,HIGH);

digitalWrite(motor2,LOW);

digitalWrite(motor3,LOW);

digitalWrite(motor4,HIGH);

}

else if(data=='l')

{

digitalWrite(motor1,LOW);

digitalWrite(motor2,HIGH);

digitalWrite(motor3,LOW);

digitalWrite(motor4,HIGH);

}

else if(data=='r')

{

digitalWrite(motor1,HIGH);

digitalWrite(motor2,LOW);

digitalWrite(motor3,HIGH);

digitalWrite(motor4,LOW);

}

else if(data=='s')

{

digitalWrite(motor1,LOW);

digitalWrite(motor2,LOW);

digitalWrite(motor3,LOW);

digitalWrite(motor4,LOW);

}

}