int leftInput=A3;

int rightInput=A4;

int leftMotor=13;

int rightMotor=12;

int leftValue = 0;

int rightValue = 0;

void setup()

{

pinMode (leftMotor, OUTPUT);

pinMode (rightMotor, OUTPUT);

}

void loop()

{

leftValue = analogRead (leftInput);

rightValue= analogRead (rightInput);

if

( leftValue < 945 && rightValue < 945)

{

digitalWrite (leftMotor, HIGH);

digitalWrite (rightMotor, HIGH);

}

else

{

if

( leftValue > 945 && rightValue < 945)

{

digitalWrite (leftMotor, LOW);

digitalWrite (rightMotor, HIGH);

}

else {

if (leftValue < 945 && rightValue > 945)

{

digitalWrite (rightMotor, LOW);

digitalWrite (leftMotor, HIGH);

}

else

{

if (leftValue > 945 && rightValue > 945)

{digitalWrite (rightMotor, LOW);

digitalWrite (leftMotor, LOW);

}}

}

}}