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#include <Servo.h>

Servo leftMotor;
Servo rightMotor;

const int leftSensorPin = A0;
const int rightSensorPin = A1;
const int irThreshold = 500;

void setup() {

    leftMotor.attach(10);
    rightMotor.attach(9);

    pinMode(leftSensorPin, INPUT);
    pinMode(rightSensorPin, INPUT);
}

void loop() {

    int leftSensorValue = analogRead(leftSensorPin);
    int rightSensorValue = analogRead(rightSensorPin);

    if (leftSensorValue < irThreshold) {

        leftMotor.writeMicroseconds(1500);
        rightMotor.writeMicroseconds(1700);
    }

    else if (rightSensorValue < irThreshold) {

        leftMotor.writeMicroseconds(1300);
        rightMotor.writeMicroseconds(1500);
    }

    else {

        leftMotor.writeMicroseconds(1700);
        rightMotor.writeMicroseconds(1300);
    }
}
```