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#include <Servo.h>

const int conductiveSensorPin = A0;
const int capacitiveSensorPin = A1;
const int servoPin = 9;

int rainThreshold = 500;

Servo wiperServo;

void setup() {
  Serial.begin(9600);
  pinMode(conductiveSensorPin, INPUT);
  pinMode(capacitiveSensorPin, INPUT);
  wiperServo.attach(servoPin);
  wiperServo.write(0);
}

void loop() {
  int conductiveValue = analogRead(conductiveSensorPin);
  int capacitiveValue = analogRead(capacitiveSensorPin);

  Serial.print("Conductive: ");
  Serial.print(conductiveValue);
  Serial.print(" | Capacitive: ");
  Serial.println(capacitiveValue);

  if (conductiveValue > rainThreshold || capacitiveValue > rainThreshold) {
    activateWiper();
  } else {
    wiperServo.write(0);
  }
  delay(1000);
}

void activateWiper() {
  for (int angle = 0; angle <= 180; angle += 30) {
    wiperServo.write(angle);
    delay(200);
  }
  for (int angle = 180; angle >= 0; angle -= 30) {
    wiperServo.write(angle);
    delay(200);
  }
}

```