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SET photo_left_pin TO SIGNAL2
SET photo_right_pin TO SIGNAL6
SET moisture_pin TO SIGNAL8

CONFIGURE photo_left_pin AS INPUT
CONFIGURE photo_right_pin AS INPUT
CONFIGURE moisture_pin AS INPUT

LOOP FOREVER

    READ val_left FROM photo_left_pin
    READ val_right FROM photo_right_pin
    READ moisture_val FROM moisture_pin

    DISPLAY "Left:", val_left, " Right:", val_right

    IF val_left < 400 AND val_right > 400 THEN
        SET servo_1.angle TO 0
        DISPLAY "Turning to LEFT has light → Angle 0"

    ELSE IF val_right < 400 AND val_left > 400 THEN
        SET servo_1.angle TO 180
        DISPLAY "Turning to RIGHT has light → Angle 180"

    ELSE IF val_left < 400 AND val_right < 400 THEN
        SET servo_1.angle TO 90
        DISPLAY "Both sides light → CENTER at 90"

    ELSE
        DISPLAY "No movement"

    END IF

    WAIT 0.5 seconds

END LOOP
```