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// Experiment 3: Reading a Potentiometer using ESP32

// Define the analog pin

const int potPin = 12;

// GPIO12 is input only


void setup() {

    Serial.begin(115200);

    // Start Serial Monitor at 115200 baud rate

}


void loop() {

    int potValue = analogRead(potPin);

    // Read analog value (0-4095)


    Serial.print("Potentiometer Value: ");

    Serial.println(potValue);

    // Print the value

    delay(200);

    // Delay for readability

}
```