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#include <Stepper.h> // Include the header file

// change this to the number of steps on your motor
#define STEPS 32

// create an instance of the stepper class using the steps and pins
Stepper stepper(STEPS, 8, 10, 9, 11);

int Pval = 0;
int potVal = 0;

void setup() {
  Serial.begin(9600);
  stepper.setSpeed(200);
}

void loop() {
  potVal = map(analogRead(A0), 0, 1024, 0, 270);

  if (potVal > Pval)
    stepper.step(5);

  if (potVal < Pval)
    stepper.step(-5);

  Pval = potVal;

  // Print timestamp and potentiometer value
  Serial.print(millis()); // Print timestamp
  Serial.print("\t");    // Print tab to separate timestamp and value
  Serial.println(Pval);  // Print potentiometer value

  delay(1000); // Delay to control the printing rate (1 second in this example)
}

```

for the code