// Arduino pin numbers

const int SW\_pin = 8; // digital pin connected to switch output

const int X\_pin = 0; // analog pin connected to X output

const int Y\_pin = 1; // analog pin connected to Y output

void setup() {

pinMode(SW\_pin, INPUT);

digitalWrite(SW\_pin, HIGH);

Serial.begin(9600);

}

void loop() {

Serial.print("Switch: ");

Serial.print(digitalRead(SW\_pin));

Serial.print(" | ");

Serial.print("X-axis: ");

Serial.print(analogRead(X\_pin));

Serial.print(" | ");

Serial.print("Y-axis: ");

Serial.print(analogRead(Y\_pin));

Serial.println(" | ");

delay(200);

}

//SOURCE: https://lastminuteengineers.com/joystick-interfacing-arduino-processing/