// Define pin numbers

const int tiltSwitchPin = 2; // Tilt switch connected to digital pin 2

const int buzzerPin = 3; // Buzzer connected to digital pin 3

void setup() {

pinMode(tiltSwitchPin, INPUT); // Set tilt switch pin as input

pinMode(buzzerPin, OUTPUT); // Set buzzer pin as output

}

void loop() {

// Read the state of the tilt switch

int tiltState = digitalRead(tiltSwitchPin);

// If the tilt switch is triggered (HIGH), sound the buzzer

if (tiltState == HIGH) {

digitalWrite(buzzerPin, HIGH); // Turn on the buzzer

delay(1000); // Sound the buzzer for 1 second

digitalWrite(buzzerPin, LOW); // Turn off the buzzer

delay(1000); // Wait for 1 second

}

}