6. Create a simple stopwatch using an LCD display and two buttons. Use one button to start/stop the stopwatch and the other to reset it.

Program :

```
const int pirPin = 2;         // PIR sensor output pin
const int buzzerPin = 3;   // Buzzer pin
void setup() {
  Serial.begin(9600);                  // Start Serial communication
  pinMode(pirPin, INPUT);           // Set PIR pin as input
  pinMode(buzzerPin, OUTPUT);  // Set buzzer pin as output
}
void loop() {
  int motionDetected = digitalRead(pirPin);    // Read PIR sensor
  if (motionDetected == HIGH) {
                              // If motion is detected, sound the buzzer
    digitalWrite(buzzerPin, HIGH);
                            // Log the timestamp of the detected motion
    Serial.print("Motion detected at: ");
    Serial.println(millis());      // Print the time since Arduino started
                               // Keep the buzzer on for a short period
    delay(1000); // Sound the buzzer for 1 second
    digitalWrite(buzzerPin, LOW); // Turn off the buzzer
  }
  delay(100);                    // Short delay to avoid excessive reading
}
```