```cpp
#include <LiquidCrystal.h>

int serialData;
int tim = 10;  // Adjust the delay duration in seconds
unsigned long startTime = 0;  // Variable to store the start time for non-
blocking delay
bool alertDisplayed = false;  // Flag to track if the alert is displayed

// Initialize the library with the numbers of the interface pins
LiquidCrystal lcd(7, 8, 9, 10, 11, 12);  // Adjust pin numbers as needed

void setup()
{
  Serial.begin(9600);
  lcd.begin(16, 2); // Set up the LCD's number of columns and rows
}

void loop()
{
  if (Serial.available() > 0)
  {
    serialData = Serial.read();

    if (serialData == '1' && !alertDisplayed)
    {
      displayAlert();
    }
  }

  // Update the alert display
  updateAlert();
}

void displayAlert()
{
  lcd.clear();                // Clears the LCD screen
  lcd.setCursor(0, 0);        // Set the cursor to column 0, line 0
  lcd.print("Drowsiness Detected!");  // Display a fixed text message
  startTime = millis();       // Record the start time for non-blocking delay
  alertDisplayed = true;      // Set the flag to true

  // Additional actions or logic related to the alert display can be added
here
}

void updateAlert()
{
  if (alertDisplayed && millis() - startTime >= tim * 1000)
```

```
  {
    lcd.clear();              // Clears the LCD screen
    alertDisplayed = false; // Reset the flag
  }
}
```