```cpp
void flashLeds(DigitalOut& red, DigitalOut& green, DigitalOut& blue) {
    for (int count = 0; count < TOTAL_BLINKS; count++) {
        red.write(1);
        green.write(1);
        blue.write(1);
        ThisThread::sleep_for(FLASH_DELAY);

        red.write(0);
        green.write(0);
        blue.write(0);
        ThisThread::sleep_for(FLASH_DELAY);
    }

    // Leave only red LED on
    red = 1;
    green = 0;
    blue = 0;
}

int main() {
    DigitalOut redLED(LED1);
    DigitalOut greenLED(LED2);
    DigitalOut blueLED(LED3);

    flashLeds(redLED, greenLED, blueLED);

    // Keep program running so LED1 stays on
    while (true) {
        ThisThread::sleep_for(1s);
    }
```