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```
bool threadRunning;

bool proveFermatsLastTheorem() // Thread 1 {
    threadRunning = true;
    while (true) {
        if (pow (x, n) + pow (y, n) == pow (z, n)) {
            return false;
        }
        ++n
    }
    return true;
}

void testTheorem () {
    bool result;
    startThread ([] () (result = proveFermatsLastTheorem));
    Sleep (2000);
    threadRunning = false;
    std::cout << result << std::endl;
}
```

This is real loop condition

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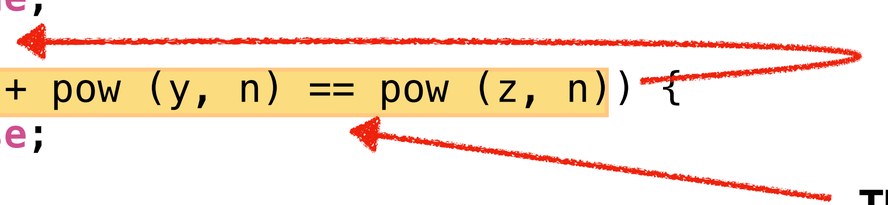

This is real loop condition

```
bool threadRunning;

bool proveFermatsLastTheorem() // Thread 1 {
    threadRunning = true;
    while (pow (x, n) + pow (y, n) != pow (z, n)) ++n;

    return false;
    return true;
}

void testTheorem () {
    bool result;
    startThread ([] () (result = proveFermatsLastTheorem));
    Sleep (2000);
    threadRunning = false;
    std::cout << result << std::endl;
}
```