# Pizza for everyone

## Topics: multithreading, file access, exceptions

There is a birthday in a company. Someone bought a big pizza with 30 pieces. However, as the birthday boy is a hardcore software developer, he developed a few rules:

1. It is possible for anyone to take any piece at any time. Even the same one at the same time.
2. Everyone must log his/her name in the file in the following way:

Name, number of taken pieces.

Implement a console application that simulates this situation using threads. Let’s have 4 people.

## Additional notes:

1. Make sure that the log files are not corrupted.
2. Make an exception-safe application.