# Too many people in a small kitchen

## Topics: multithreading, deadlock

We have a model of 2 cooks with only 1 knife and 1 cutting board. There are a wife and a mother. They don’t like each other, so wife will not give her knife as well as mother will not release the cutting board.

We have an already implemented EXE file with their behavior. Please find in archive called C sharp 6. Try to understand the issue and find a way to fix it in code. You have to develop your own implementation of the same application which does not have the issue.