# Practice Script 9

# **Summary:**

- Error handling in concurrent programs

#### Exercise 9.1

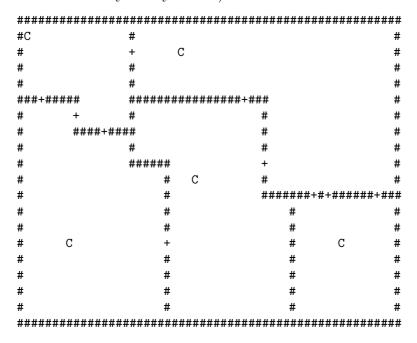
Modify the warehouse problem by implementing a concurrent fault management adapted to the two communication models between threads applied.

Test the modification by purposely injecting errors into the program.

### Exercise 9.2

Modify the warehouse problem so that clerks can only communicate with each other on certain points on the map (doors/counters).

The following figure shows a map that exemplifies this new situation (the communication zones are defined by the symbol +):



## Exercise 9.3

Modify the class ActorQueue (problem 8.3), to include error handling on an actor.