

**Below is a running example, according to the configuration file “ExmapleInput.txt”.
Program output is marked in yellow Notes are in green.**

Studio is now open!

open 2 Shalom,swt Dan,chp Alice,mcl Bob,fbd # shalom 0, Dan 1, Alice 2, Bob 3
order 2

Shalom Is Doing Zumba

Shalom Is Doing Rope Jumps

Dan Is Doing Rope Jumps

Alice Is Doing Pilates

Alice Is Doing Yoga

Bob Is Doing Rope Jumps

Bob Is Doing CrossFit

Bob Is Doing Yoga

close 2

Trainer 2 closed. Salary 740NIS

open 3 Alice,chp Bob,mcl # Alice 4, Bob 5

order 3

Alice Is Doing Rope Jumps

Bob Is Doing Pilates

Bob Is Doing Yoga

status 3

Trainer 3 status: open

Customers:

4 Alice

5 Bob

Orders:

Rope Jumps 70NIS 4

Pilates 110NIS 5

Yoga 90NIS 5

Current Trainer's Salary: 270NIS

status 2

Trainer 2 status: closed

open 0 Shuli,chp # Shuli 6

order 0

Shuli Is Doing Rope Jumps

order 0

Shuli Is Doing Rope Jumps

status 0

Trainer 0 status: open

Customers:

6 Shuli

Orders:

Rope Jumps 70NIS 6

Current Trainer's Salary: 70NIS

move 3 0 5 # will move customer 5 from trainer 3 to trainer 0

status 3

Trainer 3 status: open

Customers:

4 Alice

Orders:

Rope Jumps 70NIS 4

Current Trainer's Salary: 70NIS

open 3 Dan, chp Ban, mcl

Error: Trainer does not exist or is not open

closeall

Trainer 0 closed. Salary 270NIS

Trainer 3 closed. Salary 70NIS