

Below is a running example, according to the configuration file “config2.txt”. Program output is marked in yellow.

Restaurant is now open!

open 1 Harry,spc Ron,chp Hermionie,veg

open 2 Sirius,alc Remus,veg

order 1

Harry ordered Spicy meat

Ron ordered Water

Hermionie ordered Pumpkin cake

Hermionie ordered Pumpkin juice

order 2

Sirius ordered Butterbeer

Remus ordered Pumpkin cake

Remus ordered Pumpkin juice

status 1

Table 1 status: open

Customers:

0 Harry

1 Ron

2 Hermionie

Orders:

Spicy meat 300NIS 0

Water 20NIS 1

Pumpkin cake 50NIS 2

Pumpkin juice 40NIS 2

Current Bill: 410NIS

move 2 1 3

order 1

Harry ordered Water

Hermionie ordered Pumpkin cake

Hermionie ordered Pumpkin juice

Sirius ordered Fire Whisky

status 2

Table 2 status: open

Customers:

4 Remus

Orders:

Pumpkin cake 50NIS 4

Pumpkin juice 40NIS 4

Current Bill: 90NIS

status 1

Table 1 status: open

Customers:

0 Harry

1 Ron

2 Hermionie

3 Sirius

Orders:

Spicy meat 300NIS 0

Water 20NIS 1

Pumpkin cake 50NIS 2

Pumpkin juice 40NIS 2

Butterbeer 50NIS 3

Water 20NIS 0

Pumpkin cake 50NIS 2

Pumpkin juice 40NIS 2

Fire Whisky 60NIS 3

Current Bill: 630NIS

backup

log

open 1 Harry,spc Ron,chp Hermionie,veg Completed

open 2 Sirius,alc Remus,veg Completed

order 1 Completed

order 2 Completed

status 1 Completed

move 2 1 3 Completed

order 1 Completed

status 2 Completed

status 1 Completed

backup Completed

open 3 Albus,alc Severus,chp Minerva,veg

order 3

Albus ordered Butterbeer

Severus ordered Water

Minerva ordered Pumpkin cake

Minerva ordered Pumpkin juice

order 3

Albus ordered Fire Whisky

Minerva ordered Pumpkin cake

Minerva ordered Pumpkin juice

order 2

Remus ordered Pumpkin cake

Remus ordered Pumpkin juice

status 1

Table 1 status: open

Customers:

0 Harry

1 Ron

2 Hermionie

3 Sirius

Orders:

Spicy meat 300NIS 0

Water 20NIS 1

Pumpkin cake 50NIS 2

Pumpkin juice 40NIS 2

Butterbeer 50NIS 3

Water 20NIS 0

Pumpkin cake 50NIS 2

Pumpkin juice 40NIS 2

Fire Whisky 60NIS 3

Current Bill: 630NIS

status 2

Table 2 status: open

Customers:

4 Remus

Orders:

Pumpkin cake 50NIS 4

Pumpkin juice 40NIS 4

Pumpkin cake 50NIS 4

Pumpkin juice 40NIS 4

Current Bill: 180NIS

status 3

Table 3 status: open

Customers:

5 Albus

6 Severus

7 Minerva

Orders:

Butterbeer 50NIS 5

Water 20NIS 6

Pumpkin cake 50NIS 7

Pumpkin juice 40NIS 7

Fire Whisky 60NIS 5

Pumpkin cake 50NIS 7

Pumpkin juice 40NIS 7

Current Bill: 310NIS

restore

status 3

Table 3 status: closed

open 1 Luna,veg Ginny,spc

Error: Table is already open

log

open 1 Harry,spc Ron,chp Hermionie,veg Completed

open 2 Sirius,alc Remus,veg Completed

order 1 Completed

order 2 Completed

status 1 Completed

move 2 1 3 Completed

order 1 Completed

status 2 Completed

status 1 Completed

restore Completed

status 3 Completed

open 1 Error: Table is already open

closeall

Table 1 was closed. Bill 630NIS

Table 2 was closed. Bill 90NIS