**1. Add ten clients**

--------------------Configuration: <Default>--------------------

Look for saved data and use it? (Y|y)[es] or anything else for no

n

Enter a number between 0 and 12 as explained below:

0 to Exit

1 to add a client

2 to add product

3 to add manufacturer

4 to accept orders from a client

5 to add a supplier to a product

6 to delete a supplier to a product

7 to display a supplier list for a product

8 to accept payment from a client

9 to get a client balance

10 to get overdue balance of all clients

11 to display waitlist for product

12 to get a client invoice

13 to accept a shipment

14 to show transaction list of a client

15 to print manufacturers

16 to print clients

17 to print products

18 to save data

19 to retrieve

20 for helpEnter command:17 for help

1

Enter client name

Harold Spree

Enter address

129 Willow St NW

Enter phone

848-221-3381

Member name Harold Spree address 129 Willow St NW id C1 phone 848-221-3381

Enter command:17 for help

1

Enter client name

Jill Valentine

Enter address

582 Raccoon St N

Enter phone

585-234-2241

Member name Jill Valentine address 582 Raccoon St N id C2 phone 585-234-2241

Enter command:17 for help

1

Enter client name

Chris Redfield

Enter address

4849 Zombie Ave

Enter phone

484-112-4421

Member name Chris Redfield address 4849 Zombie Ave id C3 phone 484-112-4421

Enter command:17 for help

1

Enter client name

Barry Burton

Enter address

49091 Deceit Dr.

Enter phone

939-113-1411

Member name Barry Burton address 49091 Deceit Dr. id C4 phone 939-113-1411

Enter command:17 for help

1

Enter client name

Albert Wesker

Enter address

910-133-3134

Enter phone

393-313-3134

Member name Albert Wesker address 910-133-3134 id C5 phone 393-313-3134

Enter command:17 for help

1

Enter client name

Claire Redfield

Enter address

4881 Nowhere Ave.

Enter phone

494-121-3411

Member name Claire Redfield address 4881 Nowhere Ave. id C6 phone 494-121-3411

Enter command:17 for help

1

Enter client name

Leon Kennedy

Enter address

45213 Taco Ave

Enter phone

355-242-2422

Member name Leon Kennedy address 45213 Taco Ave id C7 phone 355-242-2422

Enter command:17 for help

1

Enter client name

Brad Vickers

Enter address

7662 No Return Dr.

Enter phone

494-112-1465

Member name Brad Vickers address 7662 No Return Dr. id C8 phone 494-112-1465

Enter command:17 for help

1

Enter client name

Ada Wong

Enter address

66592 Hidden St.

Enter phone

391-552-5421

Member name Ada Wong address 66592 Hidden St. id C9 phone 391-552-5421

Enter command:17 for help

1

Enter client name

Sherry Birkin

Enter address

47210 Umbrella St.

Enter phone

474-113-1341

Member name Sherry Birkin address 47210 Umbrella St. id C10 phone 474-113-1341

Enter command:17 for help

1

Enter client name

Alexia Ashford

Enter address

48734 Veronica Ave.

Enter phone

381-112-1254

Member name Alexia Ashford address 48734 Veronica Ave. id C11 phone 381-112-1254

Enter command:17 for help

15

The warehouse has been successfully saved in the file WarehouseData

**2.Print client list**

Enter command:17 for help

13

Member name Harold Spree address 129 Willow St NW id C1 phone 848-221-3381

Member name Jill Valentine address 582 Raccoon St N id C2 phone 585-234-2241

Member name Chris Redfield address 4849 Zombie Ave id C3 phone 484-112-4421

Member name Barry Burton address 49091 Deceit Dr. id C4 phone 939-113-1411

Member name Albert Wesker address 910-133-3134 id C5 phone 393-313-3134

Member name Claire Redfield address 4881 Nowhere Ave. id C6 phone 494-121-3411

Member name Leon Kennedy address 45213 Taco Ave id C7 phone 355-242-2422

Member name Brad Vickers address 7662 No Return Dr. id C8 phone 494-112-1465

Member name Ada Wong address 66592 Hidden St. id C9 phone 391-552-5421

Member name Sherry Birkin address 47210 Umbrella St. id C10 phone 474-113-1341

Member name Alexia Ashford address 48734 Veronica Ave. id C11 phone 381-112-1254

Enter command:17 for help

**3. Add ten products**

Enter command:17 for help

2

Enter a manufacturer ID:

M1

Enter product name:

T Virus

Enter id:

P200

Enter price:

20.00

Enter quantity:

10

id P200 product T Virus price 20.0 quantity 10

Add more products? (Y|y)[es] or anything else for no

y

Enter a manufacturer ID:

M2

Enter product name:

Type 2 Plagas

Enter id:

P201

Enter price:

50.00

Enter quantity:

10

id P201 product Type 2 Plagas price 50.0 quantity 10

Add more products? (Y|y)[es] or anything else for no

y

Enter a manufacturer ID:

M1

Enter product name:

G Virus

Enter id:

P202

Enter price:

100

Enter quantity:

5

id P202 product G Virus price 100.0 quantity 5

Add more products? (Y|y)[es] or anything else for no

y

Enter a manufacturer ID:

M6

Enter product name:

Green Herb

Enter id:

P203

Enter price:

5

Enter quantity:

30

id P203 product Green Herb price 5.0 quantity 30

Add more products? (Y|y)[es] or anything else for no

y

Enter a manufacturer ID:

M6

Enter product name:

Red Herb

Enter id:

P204

Enter price:

10

Enter quantity:

10

id P204 product Red Herb price 10.0 quantity 10

Add more products? (Y|y)[es] or anything else for no

y

Enter a manufacturer ID:

M6

Enter product name:

Blue Herb

Enter id:

P205

Enter price:

15

Enter quantity:

5

id P205 product Blue Herb price 15.0 quantity 5

Add more products? (Y|y)[es] or anything else for no

y

Enter a manufacturer ID:

M6

Enter product name:

Yellow Herb

Enter id:

P206

Enter price:

7.00

Enter quantity:

5

id P206 product Yellow Herb price 7.0 quantity 5

Add more products? (Y|y)[es] or anything else for no

y

Enter a manufacturer ID:

M4

Enter product name:

Lighter

Enter id:

P207

Enter price:

10

Enter quantity:

3

id P207 product Lighter price 10.0 quantity 3

Add more products? (Y|y)[es] or anything else for no

y

Enter a manufacturer ID:

M7

Enter product name:

Shotgun

Enter id:

P208

Enter price:

200

Enter quantity:

10

id P208 product Shotgun price 200.0 quantity 10

Add more products? (Y|y)[es] or anything else for no

y

Enter a manufacturer ID:

M7

Enter product name:

Beretta

Enter id:

P209

Enter price:

120

Enter quantity:

6

id P209 product Beretta price 120.0 quantity 6

Add more products? (Y|y)[es] or anything else for no

n

Enter command:17 for help

**4. Print list of products**

id P200 product T Virus price 20.0 quantity 10

id P201 product Type 2 Plagas price 50.0 quantity 10

id P202 product G Virus price 100.0 quantity 5

id P203 product Green Herb price 5.0 quantity 30

id P204 product Red Herb price 10.0 quantity 10

id P205 product Blue Herb price 15.0 quantity 5

id P206 product Yellow Herb price 7.0 quantity 5

id P207 product Lighter price 10.0 quantity 3

id P208 product Shotgun price 200.0 quantity 10

id P209 product Beretta price 120.0 quantity 6

Enter command:17 for help

**5. Add ten manufacturers**

Enter manufacturer name

Umbrella Co.

Enter address

4718 Viral Ave.

Enter phone

848-552-5521

Manufacturer Umbrella Co. address 4718 Viral Ave. id M1 phone 848-552-5521

Enter command:17 for help

3

Enter manufacturer name

Tricell Inc.

Enter address

5721 Raccoon St.

Enter phone

848-221-4414

Manufacturer Tricell Inc. address 5721 Raccoon St. id M2 phone 848-221-4414

Enter command:17 for help

3

Enter manufacturer name

BSAA

Enter address

5832 Spread Dr.

Enter phone

831-551-1514

Manufacturer BSAA address 5832 Spread Dr. id M3 phone 831-551-1514

Enter command:17 for help

3

Enter manufacturer name

Zippo

Enter address

47271 Zippy St NW

Enter phone

482-341-4451

Manufacturer Zippo address 47271 Zippy St NW id M4 phone 482-341-4451

Enter command:17 for help

12

Manufacturer Umbrella Co. address 4718 Viral Ave. id M1 phone 848-552-5521

Manufacturer Tricell Inc. address 5721 Raccoon St. id M2 phone 848-221-4414

Manufacturer BSAA address 5832 Spread Dr. id M3 phone 831-551-1514

Manufacturer Zippo address 47271 Zippy St NW id M4 phone 482-341-4451

Enter command:17 for help

3

Enter manufacturer name

Lockpicks Warehouse

Enter address

4727 Unlock-This St.

Enter phone

425-232-1452

Manufacturer Lockpicks Warehouse address 4727 Unlock-This St. id M5 phone 425-232-1452

Enter command:17 for help

3

Enter manufacturer name

Herbal Healings

Enter address

4132 Green Ave.

Enter phone

303-553-2521

Manufacturer Herbal Healings address 4132 Green Ave. id M6 phone 303-553-2521

Enter command:17 for help

3

Enter manufacturer name

Kendo Gun Shop

Enter address

8872 Zed Ave.

Enter phone

757-242-1842

Manufacturer Kendo Gun Shop address 8872 Zed Ave. id M7 phone 757-242-1842

Enter command:17 for help

3

Enter manufacturer name

HUMVEES

Enter address

4872 Hummer St

Enter phone

842-148-4414

Manufacturer HUMVEES address 4872 Hummer St id M8 phone 842-148-4414

Enter command:17 for help

12

Manufacturer Umbrella Co. address 4718 Viral Ave. id M1 phone 848-552-5521

Manufacturer Tricell Inc. address 5721 Raccoon St. id M2 phone 848-221-4414

Manufacturer BSAA address 5832 Spread Dr. id M3 phone 831-551-1514

Manufacturer Zippo address 47271 Zippy St NW id M4 phone 482-341-4451

Manufacturer Lockpicks Warehouse address 4727 Unlock-This St. id M5 phone 425-232-1452

Manufacturer Herbal Healings address 4132 Green Ave. id M6 phone 303-553-2521

Manufacturer Kendo Gun Shop address 8872 Zed Ave. id M7 phone 757-242-1842

Manufacturer HUMVEES address 4872 Hummer St id M8 phone 842-148-4414

Enter command:17 for help

3

Enter manufacturer name

Raccoon City MedCo

Enter address

48422 Saviour St.

Enter phone

482-114-5422

Manufacturer Raccoon City MedCo address 48422 Saviour St. id M9 phone 482-114-5422

Enter command:17 for help

3

Enter manufacturer name

Specialized Key Services

Enter address

4868 Locate Dr.

Enter phone

482-148-5952

Manufacturer Specialized Key Services address 4868 Locate Dr. id M10 phone 482-148-5952

Enter command:17 for help

**6. Print list of manufacturers**

Manufacturer Umbrella Co. address 4718 Viral Ave. id M1 phone 848-552-5521

Manufacturer Tricell Inc. address 5721 Raccoon St. id M2 phone 848-221-4414

Manufacturer BSAA address 5832 Spread Dr. id M3 phone 831-551-1514

Manufacturer Zippo address 47271 Zippy St NW id M4 phone 482-341-4451

Manufacturer Lockpicks Warehouse address 4727 Unlock-This St. id M5 phone 425-232-1452

Manufacturer Herbal Healings address 4132 Green Ave. id M6 phone 303-553-2521

Manufacturer Kendo Gun Shop address 8872 Zed Ave. id M7 phone 757-242-1842

Manufacturer HUMVEES address 4872 Hummer St id M8 phone 842-148-4414

Manufacturer Raccoon City MedCo address 48422 Saviour St. id M9 phone 482-114-5422

Manufacturer Specialized Key Services address 4868 Locate Dr. id M10 phone 482-148-5952

**7. Adding orders test (Accept client order, partial orders, waitlist made)**

Enter command:20 for help

4

Enter client ID:

C3

Enter product Id

P207

Enter quantity

5

Add more items? (Y|y)[es] or anything else for no

y

Enter product Id

P203

Enter quantity

2

Add more items? (Y|y)[es] or anything else for no

n

Invoice

---------

3 Lighter fulfilled.

2 Lighter added to wait list.

2 Green Herb fulfilled.

Total order = 60.0

Enter command:20 for help

4

Enter client ID:

C7

Enter product Id

P206

Enter quantity

3

Add more items? (Y|y)[es] or anything else for no

y

Enter product Id

P200

Enter quantity

4

Add more items? (Y|y)[es] or anything else for no

y

Enter product Id

P209

Enter quantity

2

Add more items? (Y|y)[es] or anything else for no

y

Enter product Id

P204

Enter quantity

2

Add more items? (Y|y)[es] or anything else for no

n

Invoice

---------

3 Yellow Herb fulfilled.

4 T Virus fulfilled.

2 Beretta fulfilled.

2 Red Herb fulfilled.

Total order = 361.0

Enter command:20 for help

4

Enter client ID:

C8

Enter product Id

P209

Enter quantity

1

Add more items? (Y|y)[es] or anything else for no

y

Enter product Id

P203

Enter quantity

7

Add more items? (Y|y)[es] or anything else for no

y

Enter product Id

P207

Enter quantity

3

Add more items? (Y|y)[es] or anything else for no

y

Enter product Id

P206

Enter quantity

4

Add more items? (Y|y)[es] or anything else for no

n

Invoice

---------

1 Beretta fulfilled.

7 Green Herb fulfilled.

0 Lighter fulfilled.

3 Lighter added to wait list.

2 Yellow Herb fulfilled.

2 Yellow Herb added to wait list.

Total order = 213.0

Enter command:20 for help

**8. Print products after these transactions**

id P200 product T Virus price 20.0 quantity 6

id P201 product Type 2 Plagas price 50.0 quantity 10

id P202 product G Virus price price 100.0 quantity 5

id P203 product Green Herb price 5.0 quantity 21

id P204 product Red Herb price 10.0 quantity 8

id P205 product Blue Herb price 15.0 quantity 5

id P206 product Yellow Herb price 7.0 quantity 0

id P207 product Lighter price 10.0 quantity 0

id P208 product Shotgun price 200.0 quantity 10

id P209 product Beretta price 120.0 quantity 3

**a. Print waitlist associated with items after transactions**

Show wait list for product.

Enter product ID

P206

Client Id: C8 quantity: 2

Enter command:20 for help

11

Show wait list for product.

Enter product ID

P207

Client Id: C3 quantity: 2

Client Id: C8 quantity: 3

Enter command:20 for help

11

Show wait list for product.

Enter product ID

P209

Enter command:20 for help

**9. Print balances of clients individually (show details of a client)**

Enter client ID

C1

Total balance: 0.0

Enter command:20 for help

9

Enter client ID

C2

Total balance: 0.0

Enter command:20 for help

9

Enter client ID

C3

Total balance: 60.0

Enter command:20 for help

9

Enter client ID

C4

Total balance: 0.0

Enter command:20 for help

9

Enter client ID

C5

Total balance: 0.0

Enter command:20 for help

9

Enter client ID

C6

Total balance: 0.0

Enter command:20 for help

9

Enter client ID

C7

Total balance: 361.0

Enter command:20 for help

9

Enter client ID

C8

Total balance: 213.0

Enter command:20 for help

9

Enter client ID

C9

Total balance: 0.0

Enter command:20 for help

9

Enter client ID

C10

Total balance: 0.0

Enter command:20 for help

9

Enter client ID

C11

Total balance: 0.0

**10. Show list of transactions for C2 after one purchase (Jill Valentine)**

Enter command:17 for help

11

Enter member id

C2

Date: 2/5/2014 Balance: 600.0

There are no more transactions

Enter command:17 for help

**11a. Show list of clients with unpaid balances**

Member name: Jill Valentine id: C2 balance: 600.0

Member name: Chris Redfield id: C3 balance: 60.0

Member name: Leon Kennedy id: C7 balance: 361.0

Member name: Brad Vickers id: C8 balance: 213.0

**11b. Show list of transactions for C2 after two purchases (Jill Valentine)**

Enter command:20 for help

4

Enter client ID:

C2

Enter product Id

P209

Enter quantity

2

Add more items? (Y|y)[es] or anything else for no

n

Invoice

---------

2 Beretta fulfilled.

Total order = 240.0

Enter command:20 for help

14

Enter client id

C2

Date: 2/5/2014 Balance: 600.0

Date: 2/5/2014 Balance: 240.0

There are no more transactions

**b. Show list of clients with unpaid balances (Updated after Jill’s second order)**

Member name: Jill Valentine id: C2 balance: 840.0

Member name: Chris Redfield id: C3 balance: 60.0

Member name: Leon Kennedy id: C7 balance: 361.0

Member name: Brad Vickers id: C8 balance: 213.0

**13. Test: Accept client order (Without fulfilling partial orders, clients order what’s in stock)**

Enter command:20 for help

4

Enter client ID:

C5

Enter product Id

P203

Enter quantity

3

Add more items? (Y|y)[es] or anything else for no

n

Invoice

---------

3 Green Herb fulfilled.

Total order = 15.0

Enter client ID:

C5

Enter product Id

P205

Enter quantity

1

Add more items? (Y|y)[es] or anything else for no

y

Enter product Id

P200

Enter quantity

1

Add more items? (Y|y)[es] or anything else for no

n

Invoice

---------

1 Blue Herb fulfilled.

1 T Virus fulfilled.

Total order = 35.0

Enter client ID:

C7

Enter product Id

P208

Enter quantity

2

Add more items? (Y|y)[es] or anything else for no

y

Enter product Id

P204

Enter quantity

1

Add more items? (Y|y)[es] or anything else for no

y

Enter product Id

P202

Enter quantity

1

Add more items? (Y|y)[es] or anything else for no

n

Invoice

---------

2 Shotgun fulfilled.

1 Red Herb fulfilled.

1 G Virus price fulfilled.

Total order = 510.0

**c. Test: List clients with new balances after orders**

Member name: Jill Valentine id: C2 balance: 840.0

Member name: Chris Redfield id: C3 balance: 60.0

Member name: Albert Wesker id: C5 balance: 50.0

Member name: Leon Kennedy id: C7 balance: 871.0

Member name: Brad Vickers id: C8 balance: 213.0

**15.** **List products showing the amount in stock in stock**

id P200 product T Virus price 20.0 quantity 5

id P201 product Type 2 Plagas price 50.0 quantity 10

id P202 product G Virus price 100.0 quantity 4

id P203 product Green Herb price 5.0 quantity 18

id P204 product Red Herb price 10.0 quantity 7

id P205 product Blue Herb price 15.0 quantity 4

id P206 product Yellow Herb price 7.0 quantity 0

id P207 product Lighter price 10.0 quantity 0

id P208 product Shotgun price 200.0 quantity 5

id P209 product Beretta price 120.0 quantity 1

**16. Accept shipments for the products with waitlist**

13

Enter product ID:

P206

Enter quantity recieved:

10

Client Id: C8 quantity: 2

Do you want to fulfill waitlist for this client? (Y|y)[es] or anything else for no

y

Add more items? (Y|y)[es] or anything else for no

y

Enter product ID:

P207

Enter quantity recieved:

50

Client Id: C3 quantity: 2

Do you want to fulfill waitlist for this client? (Y|y)[es] or anything else for no

y

Client Id: C8 quantity: 3

Do you want to fulfill waitlist for this client? (Y|y)[es] or anything else for no

y

Add more items? (Y|y)[es] or anything else for no

y

Enter product ID:

P209

Enter quantity recieved:

20

Add more items? (Y|y)[es] or anything else for no

N

**17. List all products showing amount in stock.**

id P200 product T Virus price 20.0 quantity 5

id P201 product Type 2 Plagas price 50.0 quantity 10

id P202 product G Virus price 100.0 quantity 4

id P203 product Green Herb price 5.0 quantity 18

id P204 product Red Herb price 10.0 quantity 7

id P205 product Blue Herb price 15.0 quantity 4

id P206 product Yellow Herb price 7.0 quantity 8

id P207 product Lighter price 10.0 quantity 45

id P208 product Shotgun price 200.0 quantity 5

id P209 product Beretta price 120.0 quantity 21

**18. Show list of clients with unpaid balances**

Member name: Jill Valentine id: C2 balance: 1080.0

Member name: Chris Redfield id: C3 balance: 80.0

Member name: Albert Wesker id: C5 balance: 50.0

Member name: Leon Kennedy id: C7 balance: 991.0

Member name: Brad Vickers id: C8 balance: 377.0

**19. Accept payment from a client**

Enter command:17 for help

5

Enter client ID:

C2

This client's balance is: 1080.0

Enter payment amount

500

This client's new balance is: 580.0

Would you like to accept payment from another client? (Y|y)[es] or anything else for no

y

Enter client ID:

C3

This client's balance is: 80.0

Enter payment amount

80

This client's new balance is: 0.0

Would you like to accept payment from another client? (Y|y)[es] or anything else for no

y

Enter client ID:

C5

This client's balance is: 50.0

Enter payment amount

50

This client's new balance is: 0.0

Would you like to accept payment from another client? (Y|y)[es] or anything else for no

y

Enter client ID:

C8

This client's balance is: 377.0

Enter payment amount

20

This client's new balance is: 357.0

Would you like to accept payment from another client? (Y|y)[es] or anything else for no

n

**20. Show list of clients with unpaid balances**

Member name: Jill Valentine id: C2 balance: 580.0

Member name: Leon Kennedy id: C7 balance: 991.0

Member name: Brad Vickers id: C8 balance: 357.0

**21. Add a supplier to a product.**

Enter command:20 for help

5

Enter product id

P200

Enter manufacturer id

M10

Enter price

18

Supplier added.

Adding more supplier is similar.

**22. Show a supplier list for a product.**

Show supplier list for product.

Enter product ID

P200

Id: M1Supplier: Umbrella Co. Price: 10.0

Id: M2Supplier: Tricell Inc. Price: 19.0

Id: M3Supplier: BSAA Price: 18.0

Id: M4Supplier: Zippo Price: 17.0

Id: M5Supplier: Lockpicks Warehouse Price: 15.0

Id: M6Supplier: Herbal Healings Price: 16.0

Id: M7Supplier: Kendo Gun Shop Price: 15.0

Id: M8Supplier: HUMVEES Price: 16.0

Id: M9Supplier: Raccoon City MedCo Price: 16.0

Id: M10Supplier: Specialized Key Services Price: 18.0

Enter command:20 for help

**23. Remove a supplier from a product**

Enter command:20 for help

6

Enter product id

P200

Enter manufacturer id

M4

Supplier deleted.

Show supplier list for product.

Enter product ID

P200

Id: M1Supplier: Umbrella Co. Price: 10.0

Id: M2Supplier: Tricell Inc. Price: 19.0

Id: M3Supplier: BSAA Price: 18.0

Id: M5Supplier: Lockpicks Warehouse Price: 15.0

Id: M6Supplier: Herbal Healings Price: 16.0

Id: M7Supplier: Kendo Gun Shop Price: 15.0

Id: M8Supplier: HUMVEES Price: 16.0

Id: M9Supplier: Raccoon City MedCo Price: 16.0

Id: M10Supplier: Specialized Key Services Price: 18.0

Result: Supplier with id M4 is removed.