

## Demo Script for Final MP.

### General Instructions:

1. Compile using gcc-Wall and run in the command prompt.
  2. Follow the sequence and the actual data provided to run your program. **STOP when the instructions say so** and WAIT for Ms. Nats to return to your breakout room. Do NOT keep on pressing the “Ask for Help”. Follow this demo script step by step.
  3. Expected results (or their descriptions) are provided to give you an idea whether you missed something or not. These also indicates what Ms. Nats expects to see
  4. It is expected that you do not modify any code after you have signified that it is final. And you are only to compile and run the final MP you submitted and declared as final.
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0. If you are working by pairs, decide who will do the screenshare. But both should still be present during the demo to answer questions and to do the individual demo problem. Once you are sent to the breakout room, screen share already (do not turn it off anymore to lessen the overhead of Ms. Nats prompting you and waiting for it to load).

[Both members should have the submitted copy on their local machines for the demo problem. But only one will screen share.] IF you did not modify the files you uploaded to AnimoSpace for your MP submission, then just show Ms. Nats the files with the dates and time (latest should be April 11, 2023 0800AM. IF the date and timestamp is past the deadline, inform Ms. Nats if you are to download it from your Canvas submission (or from the email you sent yourself – should show the timestamp).

Compile using gcc -Wall yourMP.c [Make sure that your machine has been properly set up for gcc prior to your demo schedule. If not, you can use repl.it. You CANNOT use DevC++ or other IDEs]

Download and save the demo files (found in Files\Demo in AnimoSpace) into the same directory/folder as your files for demo. Note that if you are using Linux/Mac to run your program, you have to edit the given demo files. **STOP!**

### Expected:

- (a) Windows Explorer showing the files to be used for the demo, including the date and time.
- (b) Command Prompt showing result of compilation (e.g., warning, error, and back to prompt).

1. Start the demo with the given **Users.txt** and **Items.txt** saved in the same folder as your executable file. [Note that you cannot modify the format in the given files. The only thing you can do is to remove the last newline from both files AND/OR to open in the editor and save again (this last esp if you are not running in Windows).] **There should be NO transactions.dat.** Run your program from the command prompt (by typing: a (or ./a.out for those using Linux/Mac) in the command prompt). From the Main Menu, Proceed to Admin Menu, input password “hello?”. [Expected Result: Message indicating invalid password (not just go back to Main Menu, nor to allow entry to Admin Menu)].

2. Admin Menu, enter password “H3LLo?”, then choose Show All Users.

[Expected Result: aligned display, sorted by userID

540	george	Marvin	Mars	888888	
567	bunny	Babs	Looney Tune Town	900900	
642	bunny	Bugs	Looney Toon Town	900900	
777	devil	Taz	Tasmania	10001	
861	hunter	Elmer	Fuddville	98765	]

3. Then choose Show All Sellers.

[Expected Result: aligned display

540	george	Marvin	Mars	888888	1
567	bunny	Babs	Looney Tune Town	900900	4
861	hunter	Elmer	Fuddville	98765	2 ]

4. Then choose Show Total Sales in Given Duration. If you need to input dates, go ahead and give valid dates. **STOP!**

[Expected Result: Message indicating nothing to display since there is no transaction file yet (not just go back to Admin Menu; especially not displaying garbage values or crashing)]

5. Back to Main Menu, Register as a User. [do this multiple times to register each of the users below]

	Account 1	Account 2	Account 3
User ID	456	35	329
Password	xxx909	n1c111	abc
Address	Taft Ave.	Pasay	DLSU
Contact #	22222222	19999999	85244611
Name	BBB	Nats	NCheng

[Expected Effect: All accounts added successfully given the info above]

6. Go to User Menu, try logging in using the following info (in sequence). **After Trial 3, STOP!**

	Trial 1	Trial 2	Trial 3
User ID	456	35	329
Password	999999	abc	abc

[Expected Effect: Only Trial 3 will eventually be successful; all other trials would fail and show an error message]

7. Go to Sell Menu, Add New Item [Note that it is user 329 who is supposed to be logged in] Do this for all items in the ff. list:

Product ID	Item Name	Category	Description	Qty	Unit Price
222	bigas	food	Japanese rice – 1 kg	5	80.00
212	gasul	cooking	LPG	10	700.00

8. Log out (Exit User Menu). From Main Menu, choose User Menu, log in user 777 with password devil, then choose Sell Menu, Show My Products. [Expected Result: Nothing to display; no garbage values shown] **STOP!**

9. Log out (Exit User Menu). From Main Menu, choose User Menu, log in user 35 with password n1c111, then choose Sell Menu, Add New Item [Note that it is user 35 who is supposed to be logged in]

Product ID	Item Name	Category	Description	Qty	Unit Price
222	bucheron	food	chicken-based snack	14	219.50

[Expected Result: Cannot add, product ID not unique; if program insists on asking for valid product ID after error message, input product ID 999. Otherwise, Add New Item with same info but product ID 999 → in short we want to include this item into those to be sold].

10. Log out (Exit User Menu). From Main Menu, choose Admin Menu, enter valid password, Show All Sellers. **STOP!**

[Expected Result: aligned display

35	n1c111	Nats	Pasay	19999999	1
329	abc	NCheng	DLSU	85244611	2
540	george	Marvin	Mars	888888	1
567	bunny	Babs	Looney Tune Town	900900	4
861	hunter	Elmer	Fuddville	98765	2

11. Back to Main Menu, User Menu, Log In user id 329 using correct password, Sell Menu, Show My Products. **STOP!**

[Expected Result: (description is preferred to be included if it can fit in the screen, though not listed in specs)

212	gasul	cooking	LPG	700.00	10
222	bigas	food	Japanese rice – 1 kg	80.00	5

12. Show My Low Stock Products. [Expected Result: Nothing to display] **STOP!**

13. Edit Stock, enter product id 30303. [Expected Result: message indicating Product id does not exist (because this seller does not own that product)]. **STOP!**

14. Edit Stock, enter product id 222. Change price to 68.95 and change description to Fragrant Dinorado. Replenish with quantity 2. Finish Editing, Show My Products. [Expected Result: (description is preferred to be included if it can fit in the screen, though not listed in specs)]

222	bigas	food	Fragrant Dinorado	68.95	7	]
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15. Exit Sell Menu. Go to Buy Menu, View All Products **STOP!**

[Expected Result:

Seller ID: 35

999	bucheron	food	chicken-based snack	219.50	14
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(user Press N to go to next Seller data)

Seller ID: 540

30303	moonrock	artifact	natural rock from Mars	100000.00	3
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(user Press N to go to next Seller data)

Seller ID: 567

68888	ring	jewelry	white gold with gems	8080.80	12
70007	earrings	jewelry	snap-on drop earrings	2000.00	5
80808	necklace	jewelry	chain with pendant	8080.80	12
81918	bracelet	jewelry	chain with 5 charms	8191.80	6

(user Press N to go to next Seller data)

Seller ID: 861

22322	rocksalt	condiment	natural sea salt	10.00	500
71717	venison	meat	lean fillet	700.00	20

(user Press N to go to go back to menu [also acceptable if displayed again the first one, i.e., loop back]) ]

16. Show All Products by a Specific Seller. Input seller id: 861 **STOP!**

[Expected Result:

Seller ID: 861

22322	rocksalt	condiment	natural sea salt	10.00	500
71717	venison	meat	lean fillet	700.00	20

 ]

17. Show Products by Category. Input category: artifact **STOP!**

[Expected Result:

Product ID : 30303

Product Name: moonrock

Category: artifact

Description: natural rock from Mars

Unit Price: 100000.00

Quantity: 3

(user Press N to go to go back to menu)

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18. Show Products by Name. Input name: rock **STOP!**

[Expected Result:

Product ID : 22322

Product Name: rocksalt

Category:       condiment  
Description:    natural sea salt  
Unit Price:     10.00  
Quantity:       500

(user Press N to go to show next)

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Product ID :    30303  
Product Name:   moonrock  
Category:       artifact  
Description:     natural rock from Mars  
Unit Price:     100000.00  
Quantity:       3

(user Press N to go to go back to menu)

]

19. Add to Cart the following items:

Product ID	222	70007	70007	30303	22322	68888	999	999
Quantity	2	9	3	2	100	2	6	4

[Expected Result: first 2 product ids will not be added to the cart. Last product id will be added to cart with total of 10 quantity].

20. Edit Cart, Edit Quantity , enter product ID 30303 and quantity 1. Remove all items from seller with id 861. Finish Edit Cart.

[Expected Result: product id 30303 in cart has quantity 1, product id 22322 removed from cart].

21. Go to Check Out Menu. Input for date equivalent to: March 23, 2020. Check out All. **STOP!**

[Expected Result:

1   30303                   moonrock                   100000.00   100000.00

Payable to: 540   Marvin

Total Amount: 100000.00

(preferably, user Press N to show next transaction)

3   70007                   earrings                   2000.00   6000.00  
2   68888                   ring                   8080.80   16161.60

Payable to: 567   Babs

Total Amount: 22161.60

(preferably, user Press N to show next transaction)

10   999                   bucheron                   219.50   2195.00

Payable to: 35   Nats

Total Amount: 2195.00

(preferably, user Press N to go back to menu)

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22. Exit Check Out menu. Exit Buy Menu. Exit User Menu. Now that you are in the Main Menu, go back to User Menu. Login using id 35 with password nlc111. Go to Sell Menu, Show My Low Stock Products. **STOP!**

[Expected Result:

Product ID :    999  
Product Name:   bucheron  
Category:       food  
Description:     chicken-based snack  
Unit Price:     219.50  
Quantity:       4

(user Press N to go to go back to menu)

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23. Exit Sell Menu. Go to Buy Menu, Add to Cart product id 30303 with quantity 1. Exit Buy Menu. Exit User Menu. *[Expected result: 35.bag created with 1 element]*

24. Now in the Main Menu, go to Admin Menu, input the correct password, Show Total Sales in Given Duration. Input Date (equivalent to): February 1, 2020 to March 30, 2020. *[Expected output: PhP124356.60]*

25. Back to Main Menu. Exit Main Menu. *[Expected Result: Users.txt will be overwritten and should now contain total of 8 accounts. Items.txt will be overwritten and should now contain total of 10 items. Program terminates properly.] STOP!*

26. With all the updated files from the previous run, run the program again. In the Main Menu, go to User Menu, log in using user id 35 with the correct password. Go to Buy Menu, Check-out Menu, input date equivalent to May 5, 2020. Check-out by Specific seller with id: 540. *[Expected output: 1 transaction shown on screen and added to the Transactions.dat file.] STOP!*

27. Exit Check Out menu. Exit Buy Menu. Exit User Menu. Now back in main menu, go to Admin Menu, input correct password, Show Seller Sales for dates (equivalent to): March 15, 2020 to May 15, 2020.

*[Expected output:*

540	Marvin	200000.00	
567	Babs	22161.60	
35	Nats	2195.00	]

28. Show Shopaholics. Input dates (equivalent to): May 1, 2020 to May 20, 2020. **STOP!**

*[Expected output:*

35	Nats	100000.00	]
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29. Exit User Menu, Exit Main Menu. *[Expected Result: Program Terminates properly.]*

30. If you have implemented any bonus features, inform Ms. Nats now.

**--Prepare for Q/A and Demo Problem--**