

## MP Demo Script

**Instructions:** 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.

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 May 24, 2021 11:59PM. 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). Include the .h file and the file containing the main() in the same folder you will be using for the demo.

Compile using `gcc -Wall yourMP.c` [Make sure that your machine has been properly set up for gcc. 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 Canvas) into the same directory as your files for demo. 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. Run your program in the command prompt (by typing: `a` (or `./a.out` for those using Linux/Mac) in the command prompt).

In the Main Menu, choose Maintenance Phase, View Words.

Expected: Program did not crash. No garbage values displayed.

2. Import, filename is demo1.txt. View Words.

Expected: 13 entries, sorted alphabetically. 1<sup>st</sup> word = Apple (10 trivia), 13<sup>th</sup> word = Yam (6 trivia)

STOP!

3. Add the following entries via multiple Add Word option.

Word	Relation	Relation Value
Habitat	Synonym	Home
Zoo	Contains	Animals
Abacus	Usage	Compute

	Make	Wood
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4. Add Trivia to word "Program". Relation: "Synonym", relation value: "Software"
5. Delete Word "Wallet"
6. Delete Trivia of word "Yam", trivia number 4.
7. View Clues of word "Yam". STOP!

Expected:

- (a) Listing is still alphabetical shows 15 entries. 1<sup>st</sup> word is Abacus (2 trivia), 15<sup>th</sup> word is Zoo (1 trivia).
- (b) Word "Wallet" deleted.
- (c) "Usage: halaya" already removed from list of trivia.

8. Export to filename "save1.txt". Do NOT exit the program nor close the command prompt window. Open save1.txt in Notepad++. STOP!

Expected:

- (a) Format of saving correct with labels and spacing.
- (b) Word "Program" now has 4 trivia (last is Synonym – Software)

9. Modify Entry for word "Pictureframe". Change word to "Photoframe". Change trivia number 1's **relation value** to "Decor" and change trivia number 2's **relation** to "Usage". End modification. View Clues of word "Photoframe". STOP!

Expected: "Photoframe" can be found and changes are reflected.

10. Exit Maintenance Phase choose Game Phase. Generate board for 4 rows and 2 columns. Load from filename "save1.txt". Choose a letter from the first row, answer incorrectly. Choose the other remaining letter from the first row. Answer incorrectly. STOP!

Expected:

- (a) Generated game board with unique letters per row.
- (b) Able to determine wrong answer. Changed wrong entry in gameboard to –
- (c) Determines that the game is over and the player lost.

11. Go back to Game Phase to play another game, but generate board for 5 rows and 3 columns, load from "save1.txt". Play until player wins. STOP!

Expected:

- (a) Correct answers are marked with \* in the gameboard.
- (b) Determines that the game ended with the player winning.

12. Exit Game Phase, Exit Main Menu.

Expected: Program terminates properly.

13. Inform Ms. Nats if there are any bonus features implemented. [Reminder: Bonus points are only credited if basic requirements indicated in the MP specs are fully met.]
14. Prepare for Q/A and/or individual demo problem. [Make sure both members have the same copy of the MP.] Ms. Nats will inform you of the demo problem on the spot. You are given at most 20 minutes only to do it individually. Press the "Ask for Help" if finished before the time is up, but please wait in case Ms. Nats is still going through the other breakout rooms.
15. Do NOT ask about the current score of the MP or the class standing. As the other requirements, like documentation will be checked (most likely) after everybody has finished with the demo, there would not be any score yet for the MP. And since, there is no MP score yet, no current class standing can be given. All available grades are available in Canvas, so the student can check his performance from there.

--- end of demo--- You may exit the Zoom meeting already.