**Vi Editor - Assignments**

1. Invoke the vi editor with a filename (which is to be created)

🡺vi filename.txt

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Description automatically generated

2. Type a few lines(at least 10) in the editor. Let one or more lines contain the words given below.

delhi mumbai chennai Mumbai

🡺Press i to enter insert mode.

🡺Type at least 10 lines, including the words “delhi”, “mumbai”, “chennai”, and “Mumbai”.

🡺Press Esc to exit insert mode.

A screenshot of a computer

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3. Save the file without exiting the editor

🡺Press Esc to ensure you are not in insert mode.

🡺Type :w and press Enter to save the file.

A screenshot of a computer

Description automatically generated

4. Navigate quickly to the beginning & end of the file

🡺To go to the beginning of the file, press gg.

🡺To go to the end of the file, press G.

5. Delete the first two lines & copy them after the last line

🡺Navigate to the beginning of the file with gg.

🡺Delete the first two lines by typing 2dd.

🡺Go to the end of the file with G.

🡺Press p to paste the deleted lines after the last line.

6. Now copy the last two lines & paste them before the first line

🡺Go to the end of the file with G.

🡺Yank the last two lines by typing 2yy.

🡺Go to the beginning of the file with gg.

🡺Paste the yanked lines before the first line by typing P.

7. Combine the last two lines of the file into a single line

🡺Go to the end of the file with G.

🡺Move to the second last line by pressing k.

🡺Join the last two lines into one by typing J.

8. How will you insert a line before the first line? (Hint : Find such an option in the tutorial document)

🡺Go to the beginning of the file with gg.

🡺Press O (uppercase ‘o’) to open a new line above the current line and enter insert mode.

9. How will you paste a yanked buffer before the current line?

🡺Navigate to the desired line.

🡺Press P to paste the yanked buffer before the current line.

10. Search the document for a string “delhi”.

🡺Press / to start a search.

🡺Type delhi and press Enter.

🡺Use n to move to the next occurrence and N to move to the previous occurrence.

11. Replace a single occurrence of “delhi” with “Mumbai”

🡺Navigate to the line containing “delhi”.

🡺Type :s/delhi/Mumbai/ and press Enter.

12. Replace all occurrences of “delhi” on a particular line with “Mumbai” using one command

🡺Navigate to the line containing “delhi”.

🡺Type :s/delhi/Mumbai/g and press Enter.

13. Replace “delhi” with “mumbai” for the entire document using one command.

🡺Type :%s/delhi/mumbai/g and press Enter.

14. Replace all occurrences of “delhi” with “mumbai” for part of a document (e.g. line number 13 to 37).

🡺Type :13,37s/delhi/mumbai/g and press Enter.

15. Undo the above command

🡺Press u to undo the last command.

16. Replace only the first occurrence of “delhi” with “mumbai” in each line, for part of a document (e.g. line number 13 to 37).

🡺Type :13,37s/delhi/mumbai/ and press Enter.

17. Undo the above comment. Redo it. Undo it again.

🡺Press u to undo.

🡺Press Ctrl-r to redo.

🡺Press u again to undo.

18. Replace all occurrences of “delhi” with “mumbai” for complete file interactively.

🡺Type :%s/delhi/mumbai/gc and press Enter.

19. Search for a word backwards. Loop through all matches.

🡺Press ? to start a backward search.

🡺Type the word and press Enter.

🡺Use n to move to the next occurrence and N to move to the previous occurrence.

20. Search for a word forwards. Loop through all matches

🡺Press / to start a forward search.

🡺Type the word and press Enter.

🡺Use n to move to the next occurrence and N to move to the previous occurrence.

21. Join two lines together

🡺Navigate to the first of the two lines.

🡺Press J to join the lines.

22. Enable line numbering and then disable it

🡺To enable line numbering, type :set number and press Enter.

🡺To disable line numbering, type :set nonumber and press Enter.

23. Make the search case insensitive

🡺Type :set ignorecase and press Enter.

24. Delete 4 lines (and then paste them somewhere else)

🡺Navigate to the first of the four lines.

🡺Type 4dd to delete the lines.

🡺Navigate to the desired location.

🡺Press p to paste the lines after the current line.

25. What is the command to delete part of the line starting from the current cursor position?

🡺Type D.

26. What is the command to delete the current word?

🡺Type dw.