

EE2510. Autumn 2024-25.
Dept. of CSE/EE, IIT Hyderabad
HW Assignment - vi commands

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1. What do the following commands in vi do? - write in just 1-line
 - a. dd10p
 - b. xp
 - c. gg100dd
 - d. "gyy
 - e. :%s/cs23/CS23/gc

2. Write vi commands for the following operations. Explain briefly
 - a. Add a full-stop at the end of the line (assume there is no full stop currently at the end)
 - b. Go to 5th line from bottom and write your name
 - c. Search all occurrences of "IIT Hyderabad" and replace it with IITH. But it should not change anything if IIT Hyderabad is a part of any larger word like IIIT Hyderabad.
 - d. Replace the word under cursor with the word TBD
 - e. Copy 10 lines in downward direction starting from the cursor position and paste 5 copies of them just above the cursor position

3. There is a nice practice tutorial for vi/vim which can be invoked using the command "vimtutor" in the ubuntu terminal. The following needs to be done on your ubuntu machine as a part of this assignment:
 - a. Invoke vimtutor
 - b. Follow the instructions within it
 - c. Write a summary containing various vim commands and their corresponding actions that you learnt from vimtutor. We covered most of these commands in our class already
 - d. Mention three distinct features/commands of vi editor which are unique over any standard editor like gedit or sublime

Submission instructions:

1. Submission should be done as a pdf file with answers to above questions.
2. The work should be done individually and any copy cases will be dealt as per the departmental policy.
3. Do practice the above using vi on your machine to verify that your answer is correct. Attach a few snapshots of the same along with the answers.