**P4 EXERCISE**

1. Create a directory named CMU\_P4\_TUTORIALS: mkdir CMU\_P4\_TUTORIALS
2. Being in the above created directory use **vi** to create the file named **input.txt**

What mode allows you to type data in the vi editor: insert mode

The file should now contain the following:

**Welcome to CMU ASIA**

**A PLACE TO LEARN , A CHANCE TO GROW**

**Last line of the file**

**line 1**

**Line2**

**Line 3**

**Line 5**

**Line 6**

**Line 7**

**Line 8**

**Thank you for Choosing CMU AFRICO**

**Start of file**

1. Save the file. What command have you used to save the file?

In command mode type :w

1. Open input.txt file using vi command

vi input.txt

1. Copy line 4 and paste it at the end of the file. How do proceed to do the above exercise?

Command to copy: yy

Command to paste: p

Command to cut: dd

1. Using Vi command delete the word **ASIA** and change it **AFRICA.** What cvi command you used to delete the word? dw
2. move **Start of file** to the begining of the file. What vi commands you have used?

Select then dd to cut and move to first line with 1G, press O to make line top the p to paste or use P to paste up without using to create a line

1. move **Last line of the file** to end of file . What vi commands you have used?

Select then dd to cut and move to last line with G, use P to paste

1. AFRICO is wongly typed. Delete O and replace it by A . how do you delete a charactor in Vi?

Move to O then press r then A to replace O with A

1. Using sed command delete the first line of the file content. What commad do you use?

sed -i ‘1d’ input.txt: edit file in-place (i), 1d: delete the first line

1. Using sed command Delete the last line of the file content. What commad do you use?

sed -i ‘$d’ input.txt: edit file in-place (i), $d: delete the last line

1. Using sed command Delete the third line of the file. What commad do you use?

sed -i ‘3d’ input.txt

1. Using sed command, delete from line 2nd to 5th line . What commad do you use?

sed -i ‘2,5d’ input.txt

1. Delete other lines exept the 1st line . What commad do you use?

sed -i '1,$!d' input.txt delete all except first and last lines ?????????????????/

1. Delete other lines exept the last line . What commad do you use?

sed -i '$!d': All except the last