CSCE 476/876 Introduction to Artificial Intelligence Fall 2020

Emacs Exercises 1

1 Execute the following actions

- Open a new file called "reci1.txt".
 C-x C-f reci.txt (f stands for file)
- 2. Split the buffer horizontally.

C-x 2

3. Switch to the top buffer and split it vertically.

C-x o (o stands for other) C-x 3

- Type your name. Now insert 10 spaces using an emacs command and hitting space only once.
 C-u 10 <space>
- 5. Remove the extra spaces

M-<space> (a favorite)

6. Now kill all but 1 of the buffers.

C-x 1

7. Write a haiku about the joy of emacs. (Or type in the following haiku, for the less poetic poor souls).

A crash reduces your expensive computer to a simple stone.

- 8. In your haiku move the cursor around.
 - (a) Character by characterC-b (back)C-f (forward)

(b) Line by line

C-n (next)C-p (previous)C-a (beginning)C-e (end)

- (c) Word by wordM-b (previous word)M-f (next word)
- (d) Sentence by sentence

M-a (previous sentence)

M-e (next sentence)

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Notice that the <Ctrl> and <Esc> functions are similar but operate on different units. (<Ctrl> works on chars while <Esc> works on words, <Ctrl> works on lines while <Esc> works on sentences)
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9. Copy the first line of the haiku and paste it after the haiku.

C-k (at the beginning of the line, k stands for kill)

C-y (y stands for yank)

Now move to the line after the haiku.

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C-n
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С-у

10. Select a region.

C-<space> or C-@ (C-shift-2) C-n

11. Copy the region without killing it first.

M-w (*C-w* would kill the selection and then you would need to yank it back with *C-y* before copying it somewhere else)

12. Move to the end of the file, then move to the start of the file and paste the selection.

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M-> (M-shift-.)
M-< (M-shift-,)
C-y
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13. Save your file.

C-x C-s or C-x s (will ask about saving each buffer, s stands for save)

14. Count the number of lines in the document.

M-x count-lines-buffer

15. Search for a string forwards and backwords
C-s <string> (searches forward)
C-r <string> (searches backward)

2 Working on two buffers with different content

- 1. Split the screen into 2 windows. C-x 2
- 2. Open a new file "haiku.txt" in one window. C-x C-f haiku.txt
- Enter in a new haiku (here is an example) Having been erased, The document you're seeking Must now be retyped.
- 4. Compare the two windows. M-x compare-windows
- 5. Copy the haiku from the haiku.txt file to the beginning of the reci1.txt file.
 C-<space> or C-@ (C-shift-2) (start the selection)
 C-n (select the text)
 M-w (copy the text)
 C-x o (switch buffers)
 M-< (goto the start of the file)
 C-y (yank the text (paste))
- 6. Compare the two windows again M-x compare-windows