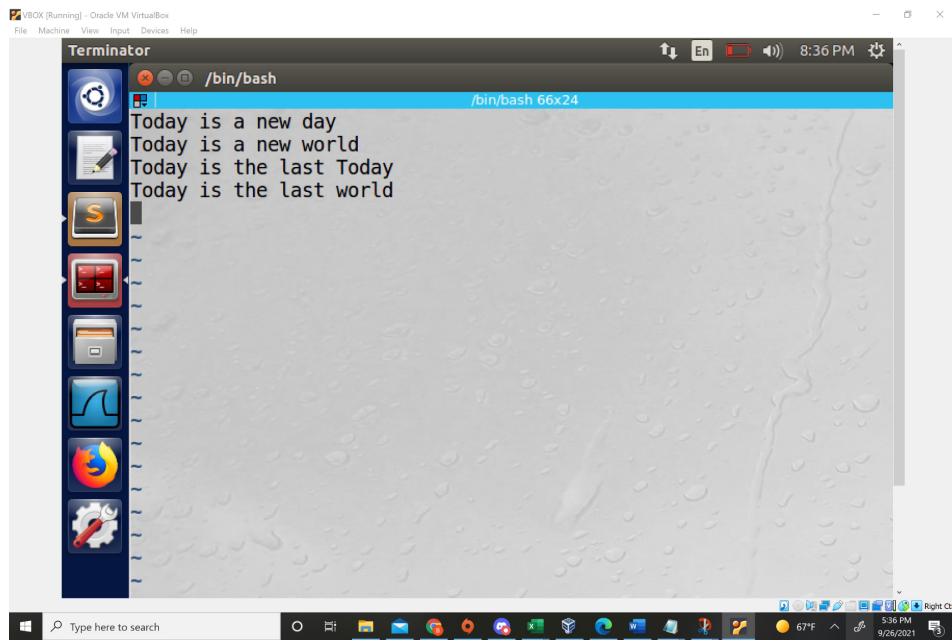


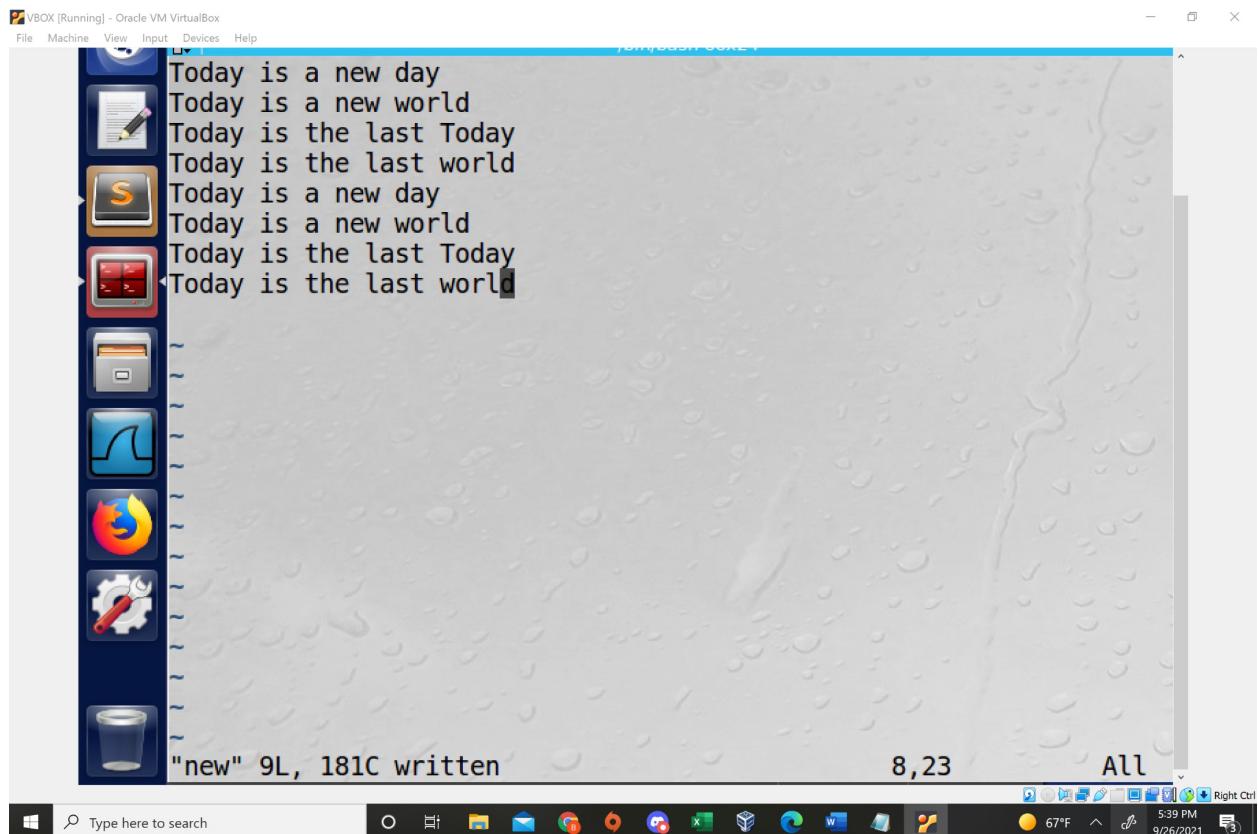
"DISCOVERYEXERCISES

1. Using the vi editor: Create a document with four lines, each containing the word "today."



```
Today is a new day
Today is a new world
Today is the last Today
Today is the last world
```

Copy the first four lines using only one command. (used . command)



```
Today is a new day
Today is a new world
Today is the last Today
Today is the last world
Today is a new day
Today is a new world
Today is the last Today
Today is the last world
```

"new" 9L, 181C written 8,23 All

Save the file, and exit vi. Reopen the document, and change "today" to "yesterday" only on the first four lines

The screenshot shows a Linux desktop environment with a terminal window open. The terminal window has a light gray background with a faint water droplet pattern. It displays the following text:

```
Yesterday is a new day  
Yesterday is a new world  
Yesterday is the last Yesterday  
Yesterday is the last world  
Today is a new day  
Today is a new world  
Today is the last Today  
Today is the last world
```

Below the terminal window, the desktop background is visible, showing a light gray textured pattern. On the left side of the screen, there is a vertical dock containing several icons:

- A document icon with a pencil.
- An orange square icon with a white 'S'.
- A red square icon with a white window.
- A blue square icon with a white folder.
- A blue square icon with a white stylized 'A'.
- The Firefox logo.
- A gear and wrench icon.
- A trash can icon.

At the bottom of the screen, there is a taskbar with various application icons. The system tray on the right side of the taskbar shows the date (9/26/2021), time (5:46 PM), battery level (65%), and other system status indicators.

.2. Using the vi editor: Create a document called first.file, and enter a few lines of text in it. Save it.

A screenshot of a Linux desktop environment, likely Ubuntu, running in Oracle VM VirtualBox. The desktop has a light blue and white textured background. A terminal window titled "first.file" is open at the bottom left, displaying the following poem:

The story of the golden jersey
There was once a jersey made of gold
All the badminton players wanted it
End of Part 1

At the bottom right of the screen, there is a system tray icon for a battery that shows 65% charge. The taskbar at the very bottom contains icons for various applications including a web browser, file manager, and system tools.

Create a second document called second.file, and enter a few lines of text in it. Save it.

A screenshot of a Microsoft Word document window titled "secound.file". The document contains the following text:

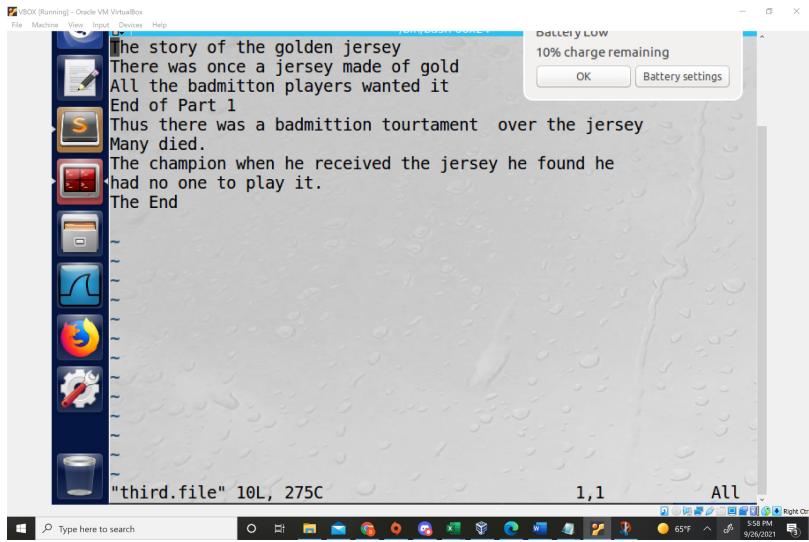
thus there was a badmition tourntament over the jersey
Many died.
The champion when he received the jersey he found he
had no one to play it.
The End

The Microsoft Word ribbon is visible at the top, showing tabs like Home, Insert, Page Layout, etc. The status bar at the bottom shows "secound.file" 6L, 155C, 1,1, and All. The taskbar at the bottom has icons for File, Machine, View, Input, Devices, Help, and several pinned applications: Paint, Notepad, Task View, Mail, Edge, File Explorer, OneDrive, Photos, and a VirtualBox icon.

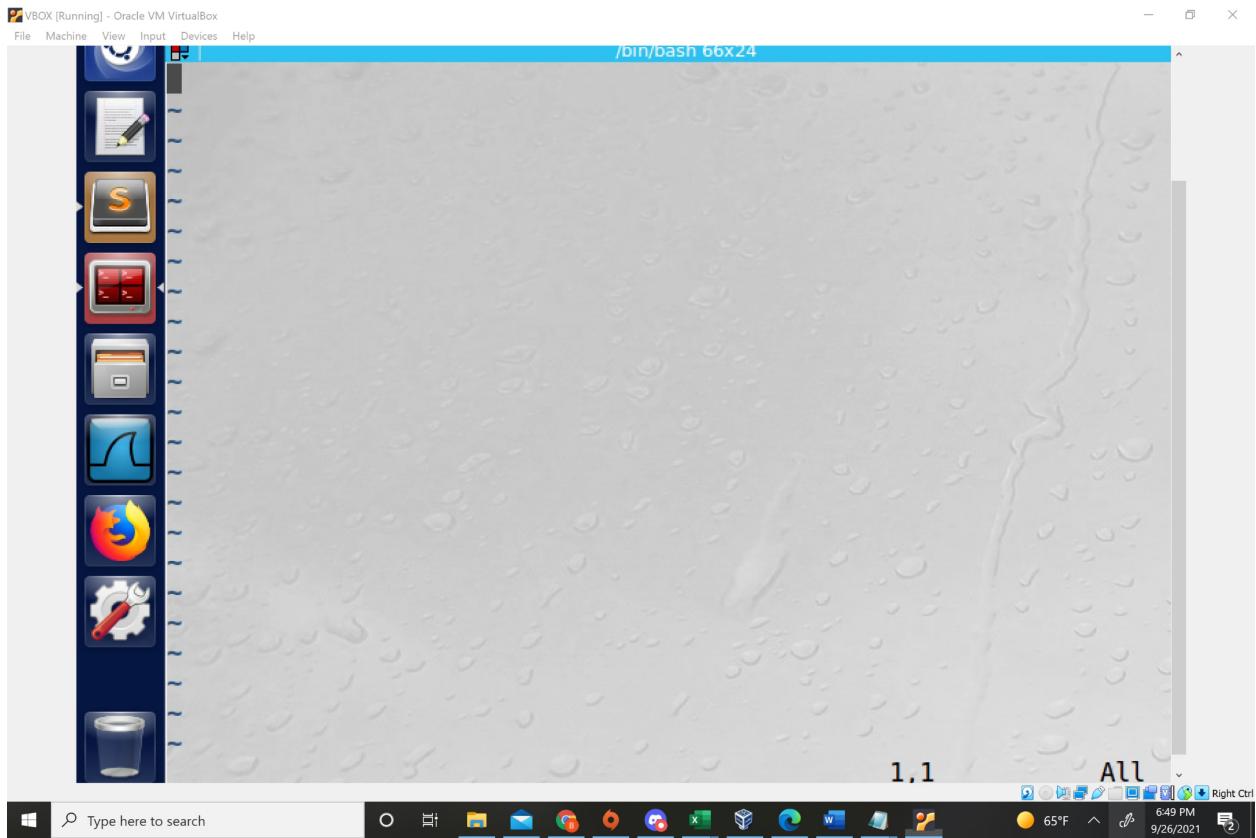
Create a third document called `third.file` by merging the text from the first two files. Save the third file, and exit the editor.

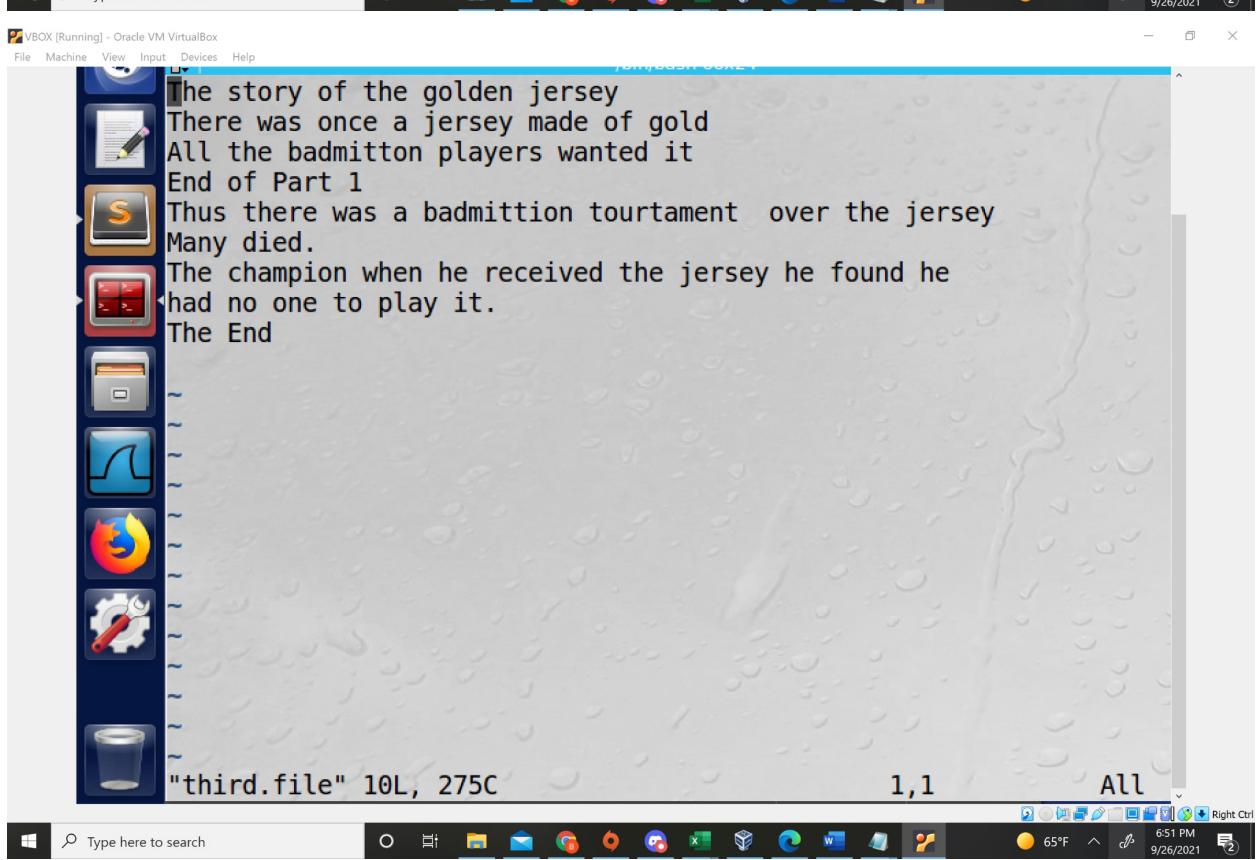
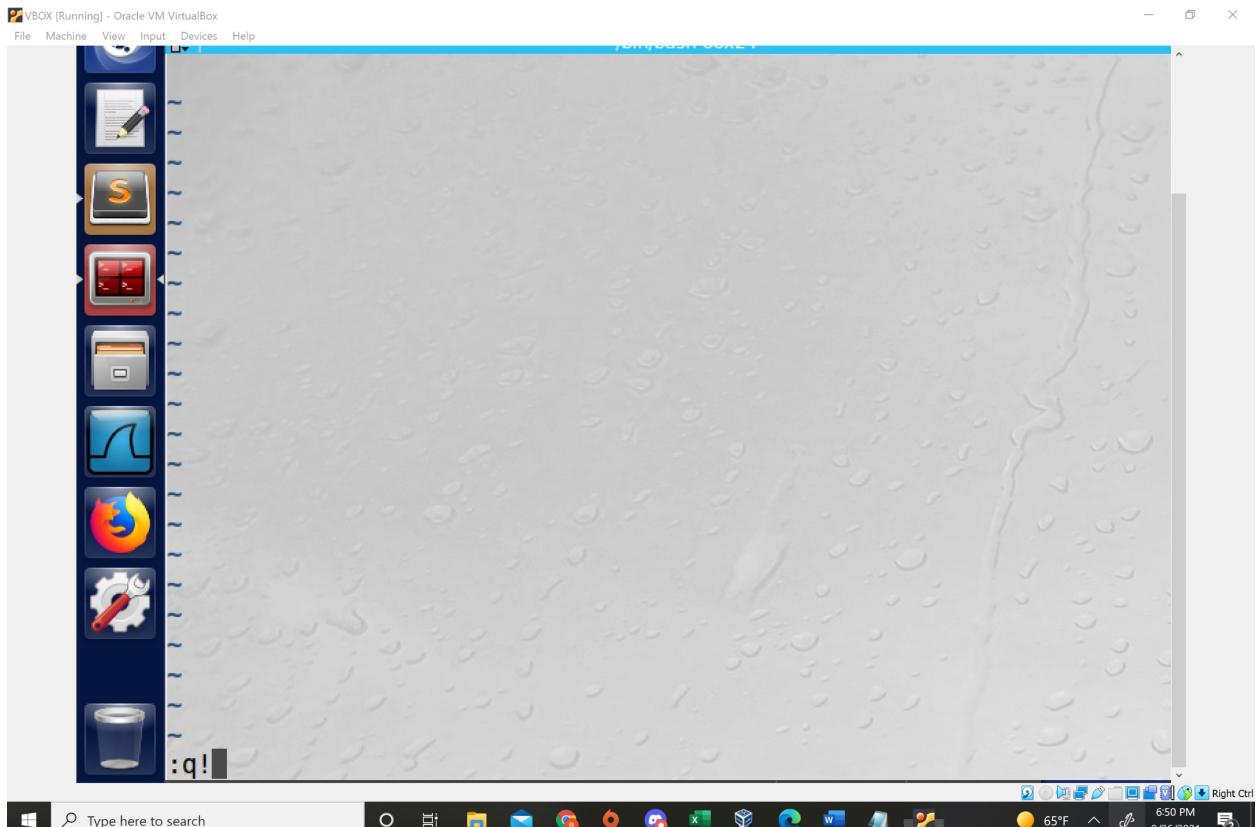
Type vi third.file and press Enter to be certain third.file contains the text from both files."

```
[09/26/21]seed@VM:~$ vi new file
2 files to edit
[09/26/21]seed@VM:~$ vi new
[09/26/21]seed@VM:~$ vi file
[09/26/21]seed@VM:~$ vi new
[09/26/21]seed@VM:~$ vi first.file
[09/26/21]seed@VM:~$ vi secound.fil
[09/26/21]seed@VM:~$ sudo rm secound.fil
[09/26/21]seed@VM:~$ vi secound.file
[09/26/21]seed@VM:~$ cat first.file secound.file > third.file
[09/26/21]seed@VM:~$ vi third.file
```



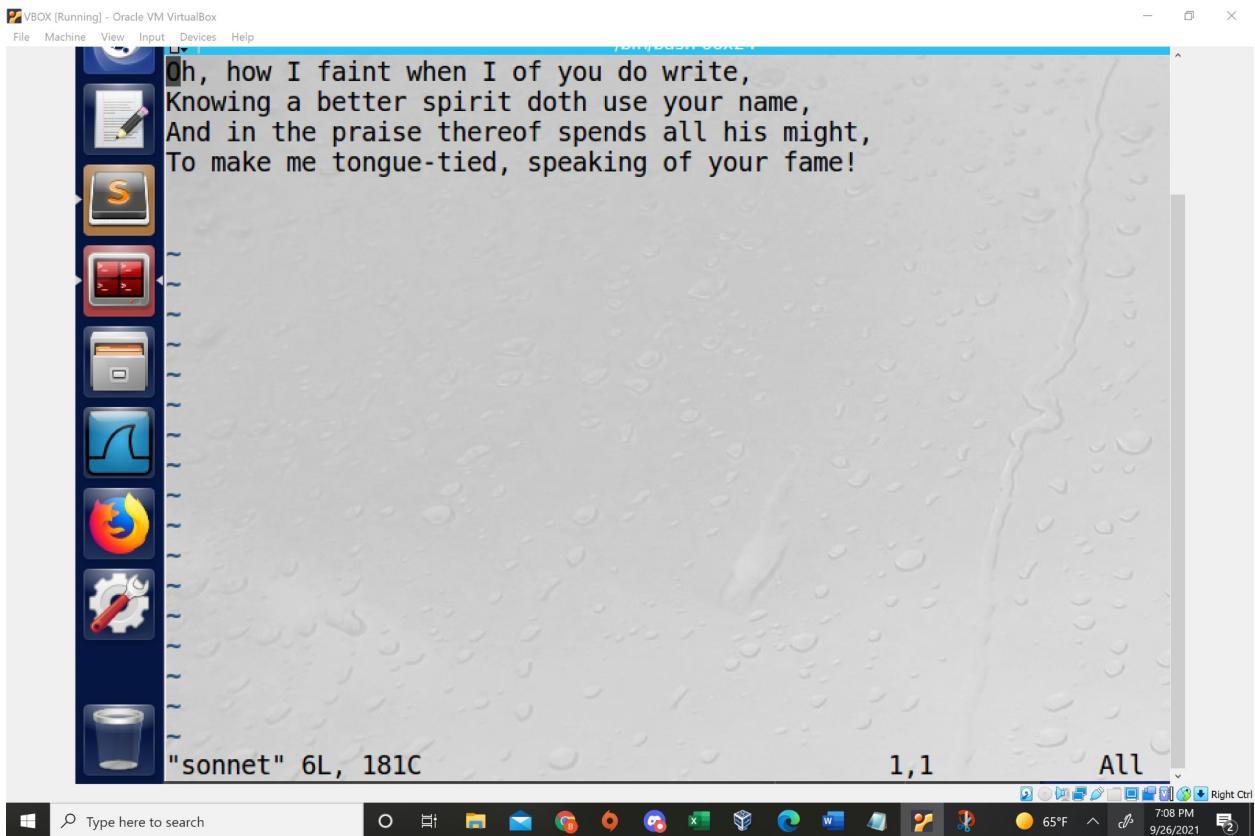
"3. Delete all text from third.file that you created using vi, and then restore it""



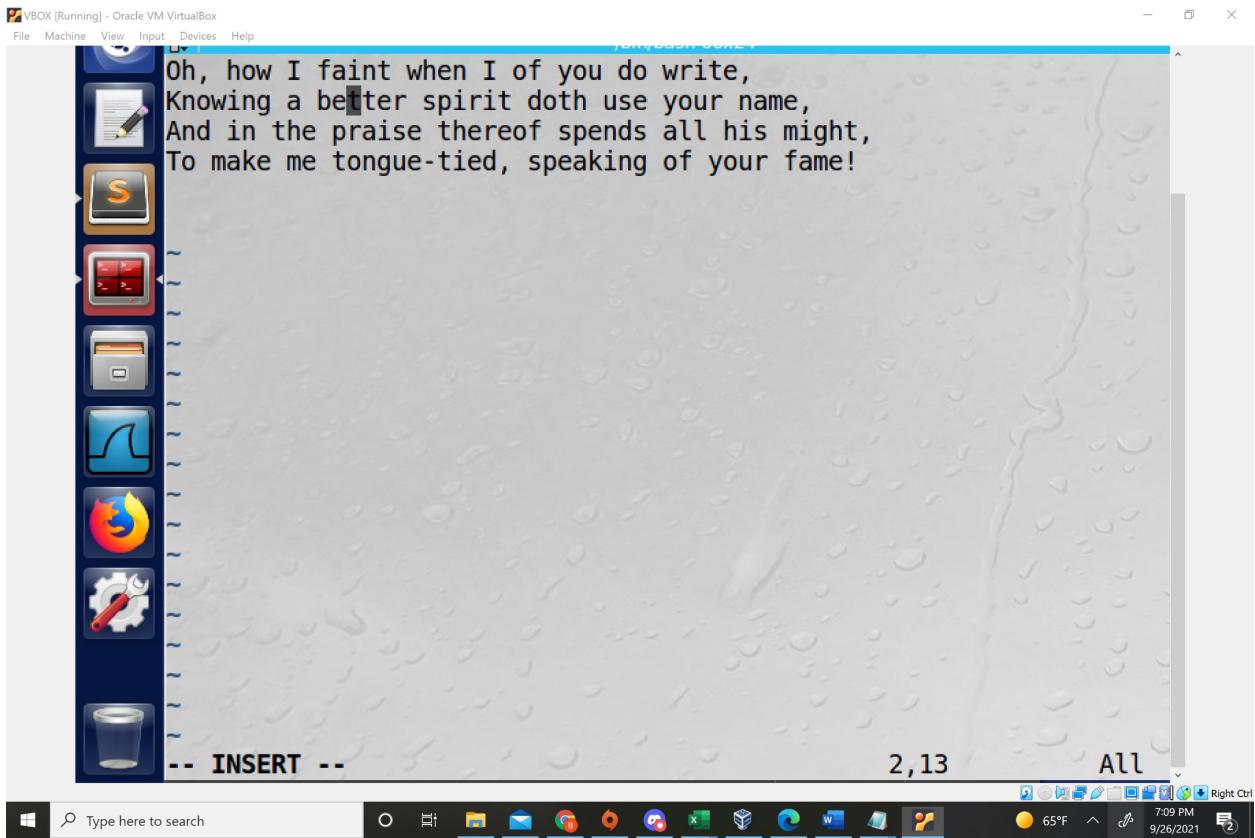


4. Using the Emacs editor, create a new file, called sonnet, that contains the first four lines of Shakespeare's 80th Sonnet:

O, how I faint when I of you do write
,Knowing a better spirit doth use your name,
And in the praise thereof spends all his might,
To make me tongue-tied, speaking of your fame!

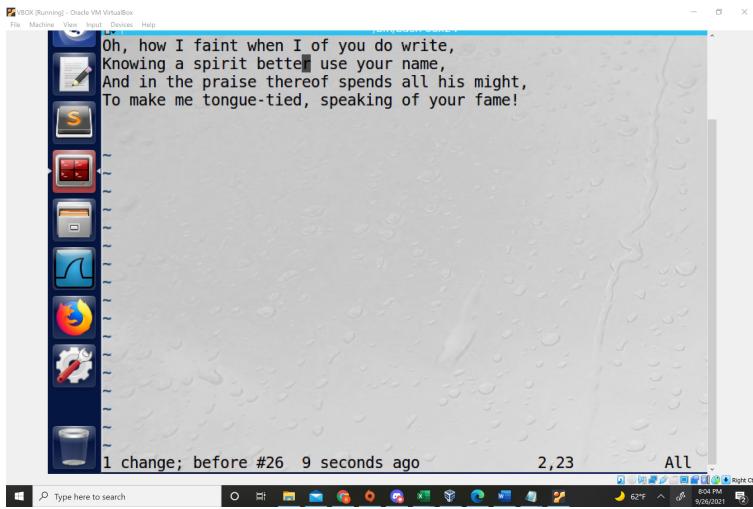


5. Move the cursor to any letter in the word “better” (except “b”) on the second line.



6. Use the command that causes the current word to be transposed with the one that follows it.

Used deep command



- After executing the command, the line should read:Knowing a spirit better doth use your name,
7. Move the cursor to the word "doth" on the same line.

VBOX [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

```
Oh, how I faint when I of you do write,  
Knowing a spirit better dath use your name,  
And in the praise thereof spends all his might,  
To make me tongue-tied, speaking of your fame!
```

1 change; before #21 40 seconds ago 2,26 All

Type here to search 64°F 7:23 PM 9/20/2021 Right Ctrl

8. Use the command to delete the current word.(dw)

VBOX [Running] - Oracle VM VirtualBox

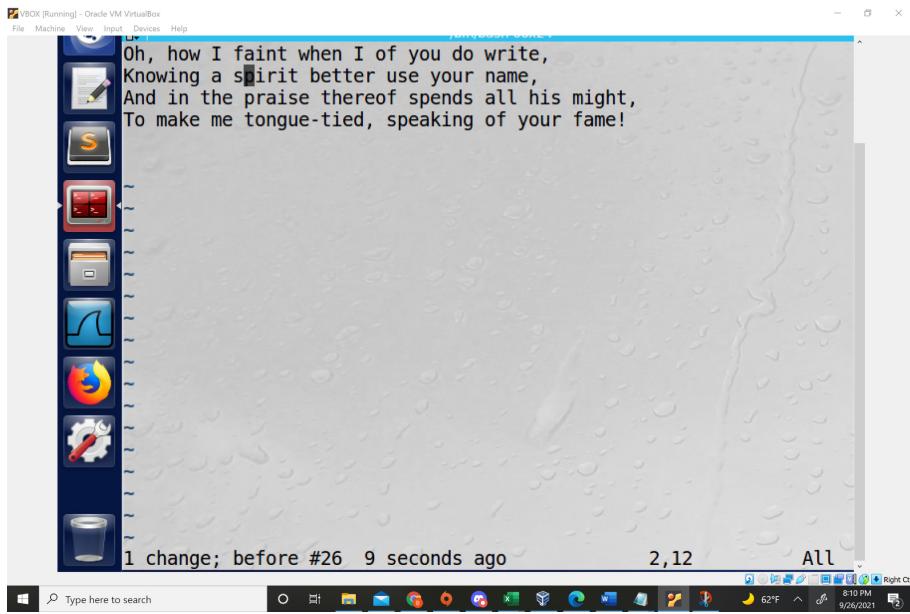
File Machine View Input Devices Help

```
Oh, how I faint when I of you do write,  
Knowing a spirit better use your name,  
And in the praise thereof spends all his might,  
To make me tongue-tied, speaking of your fame!
```

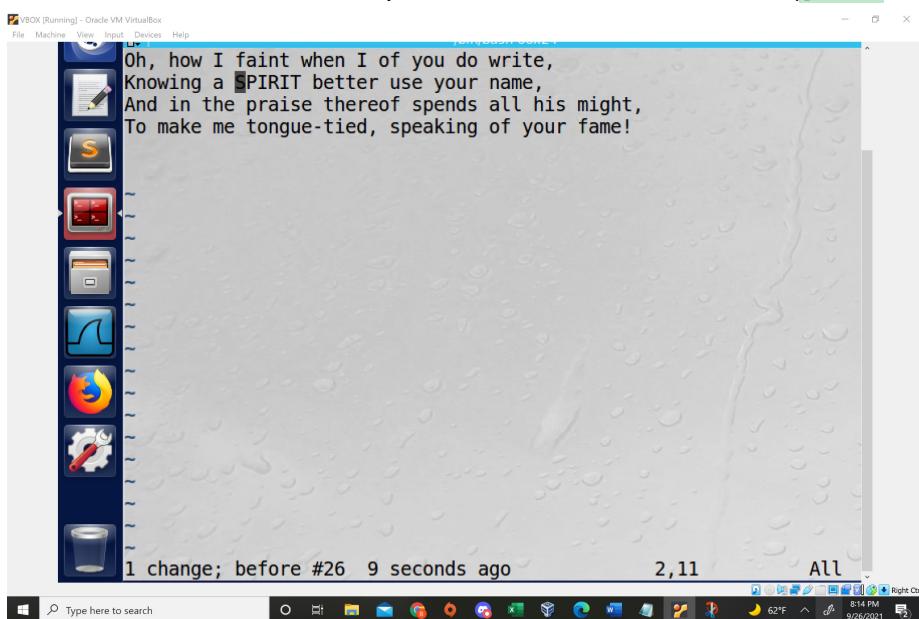
1 change; before #26 9 seconds ago 2,25 All

Type here to search 64°F 7:28 PM 9/20/2021 Right Ctrl

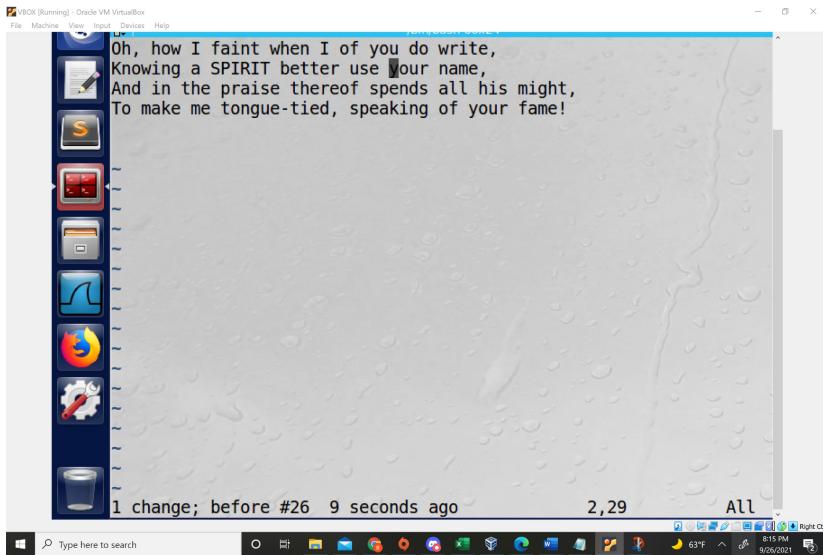
9. Move the cursor to the first character of the word “spirit” on the same line.



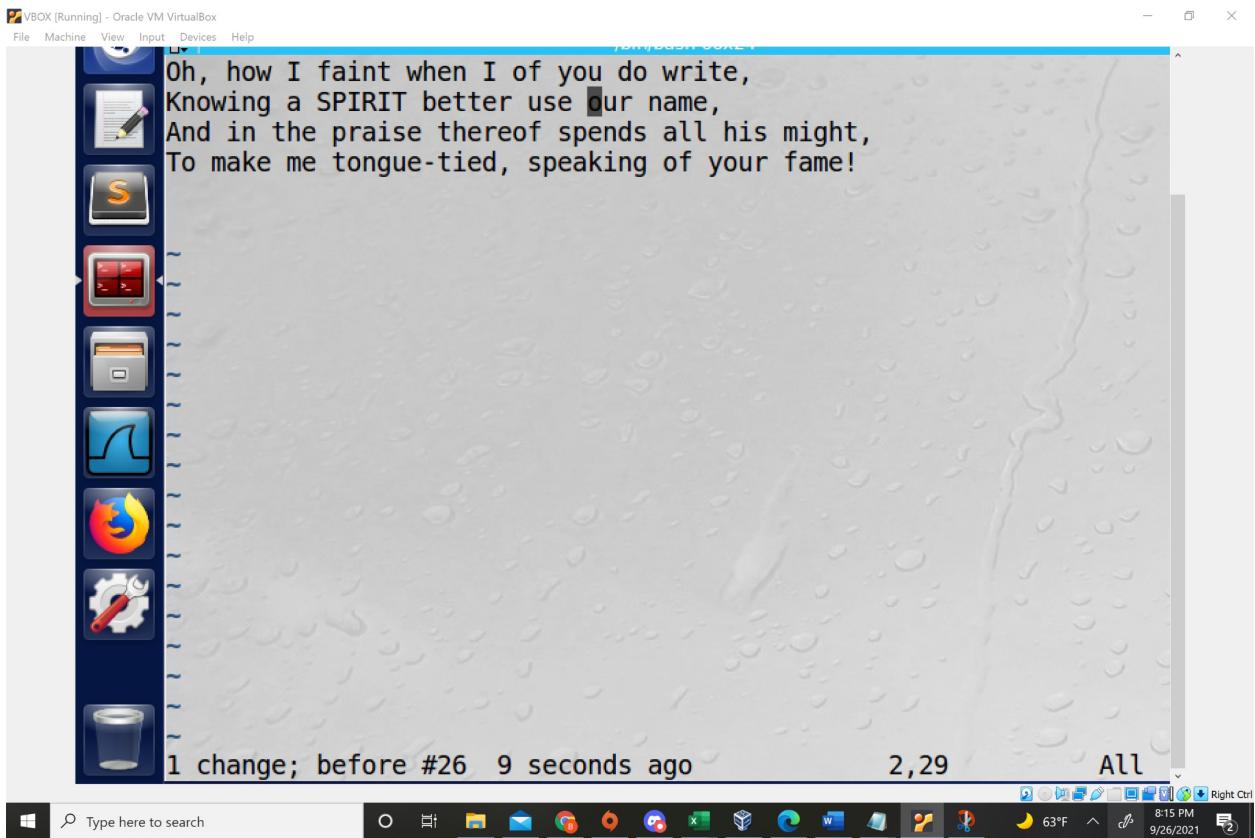
10. Use the command that capitalizes the letters of the word.(g~iw)



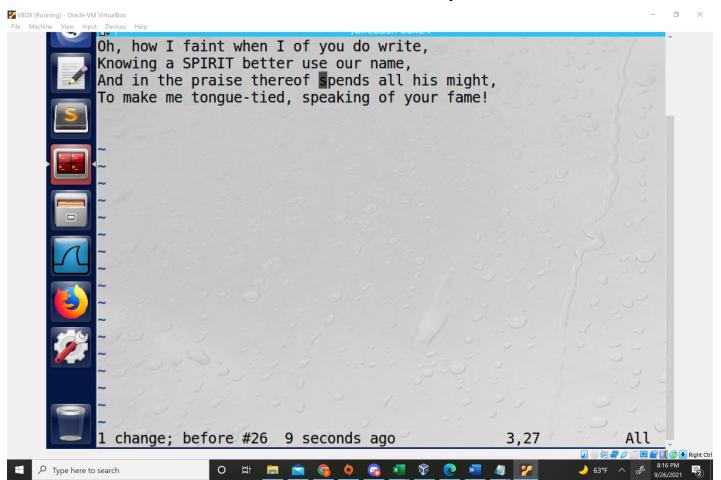
11. Move the cursor under the letter "y" in the word "your" on the same line.



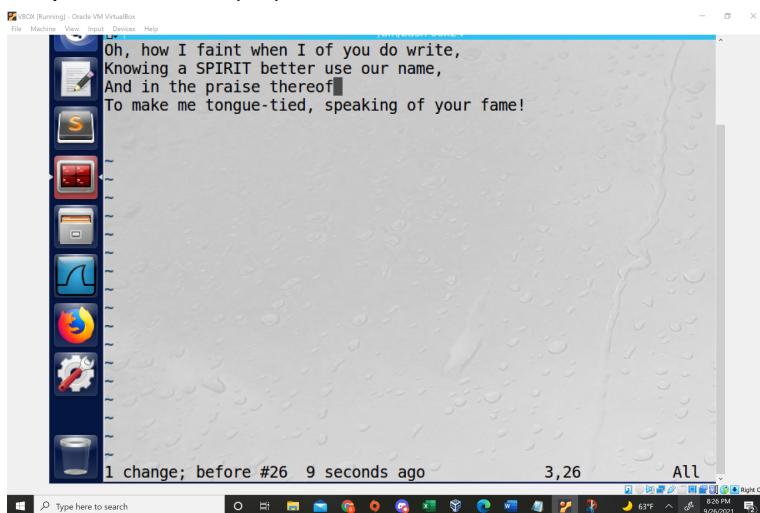
12. Use the command that deletes the character above the cursor. The line should now read:Knowing a SPIRIT better use our name,(x)



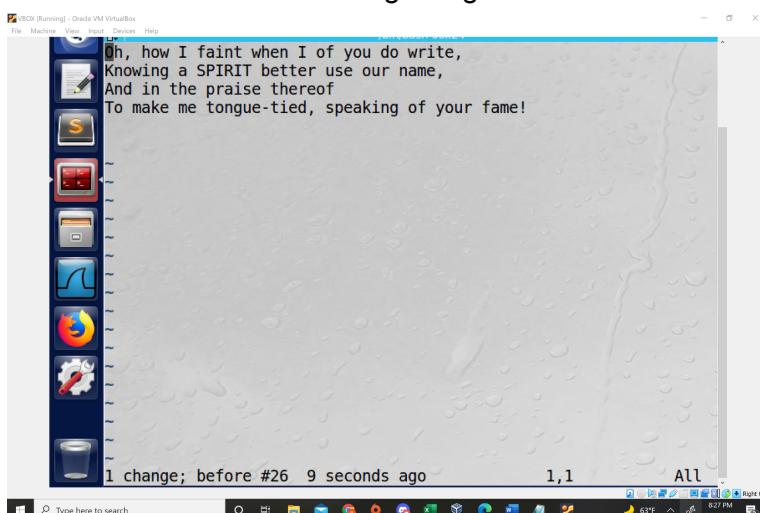
13. Move the cursor to the word “spends” on the third line.



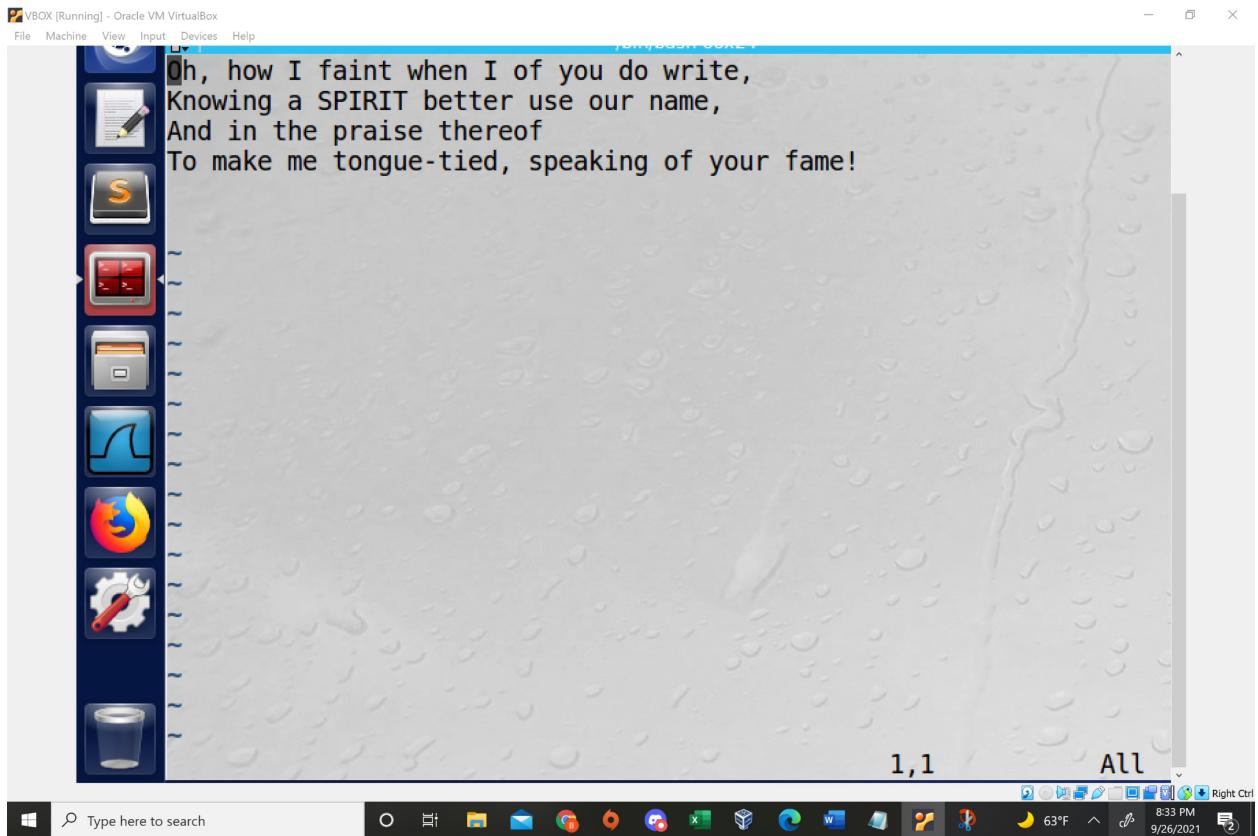
14. Use the command that deletes text to the end of the line. The line should now read: And in the praise thereof(d\$)



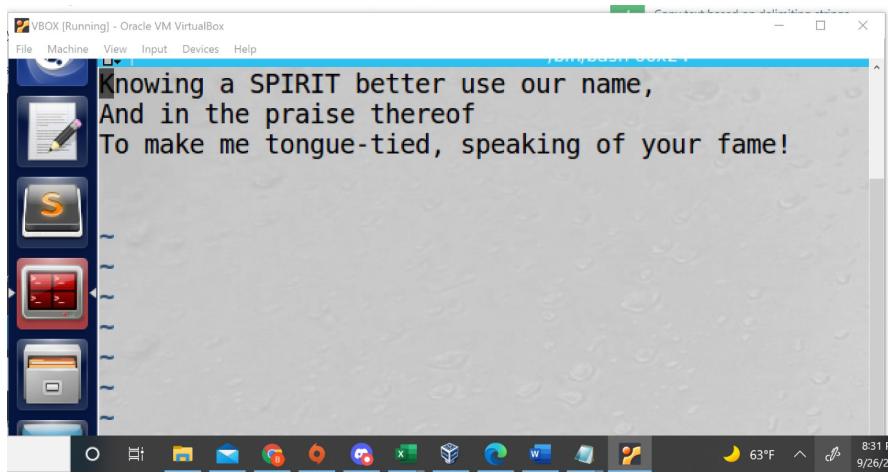
15. Move the cursor to the beginning of the first line.



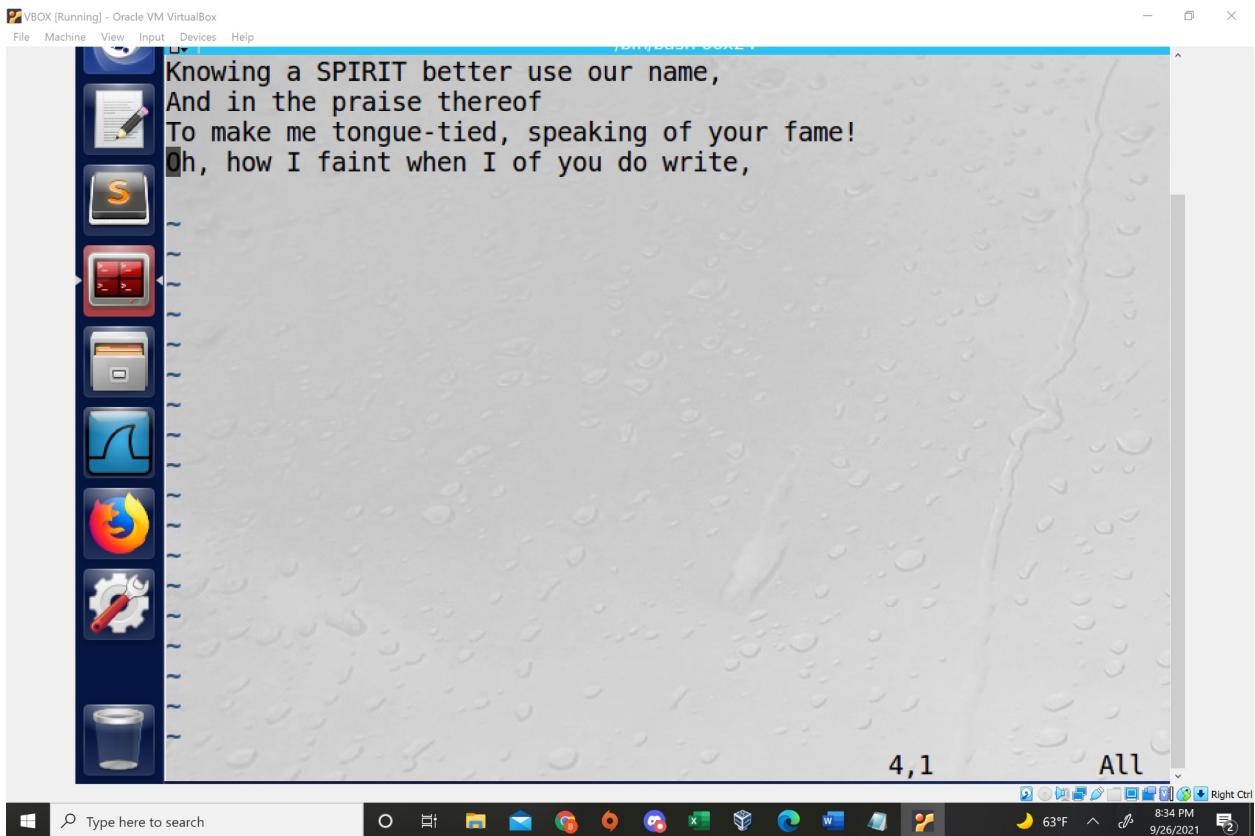
16. Use the command that puts a mark at the cursor location.(ma)



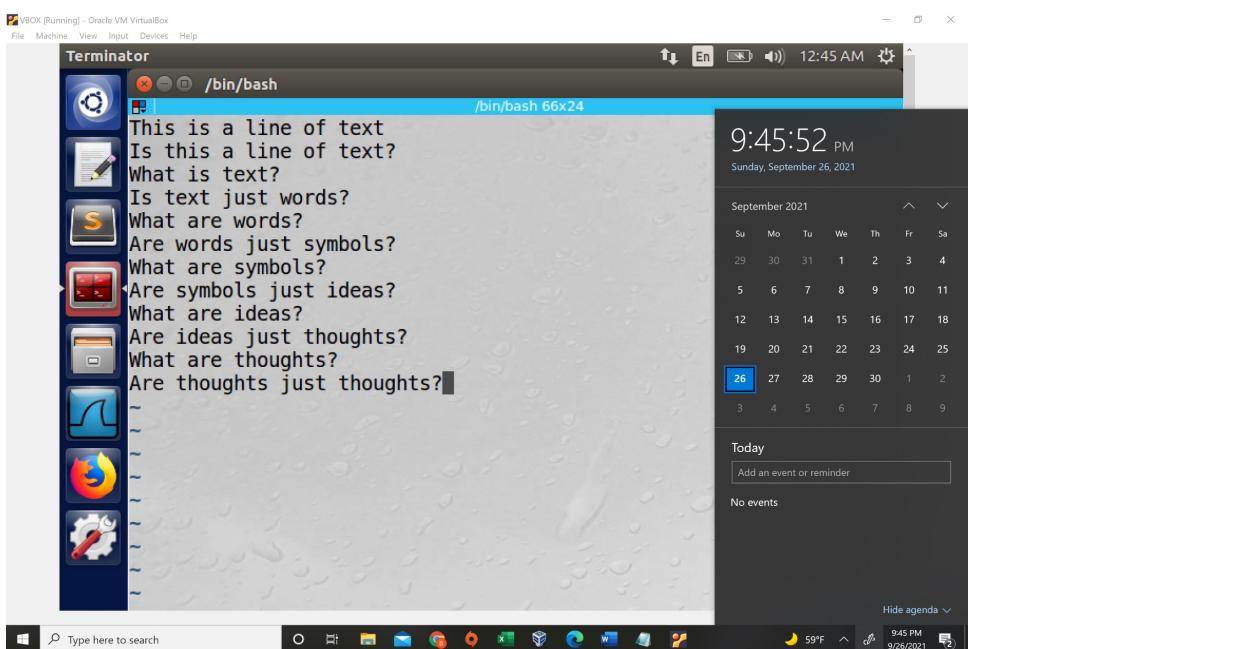
17. Move the cursor to the end of the first line. Use the command that marks that particular cursor location.
18. Move the cursor to the first character of the first line.
19. Use the command that deletes marked text; that is, deletes the first line. ""(d'a)



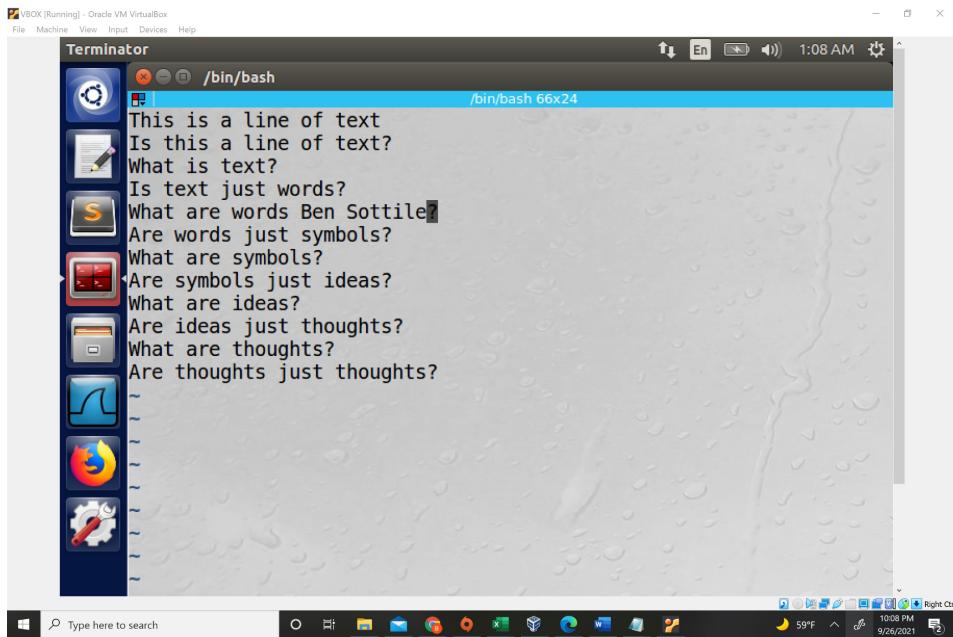
20. Move the cursor to the end of the file. Use the command that restores deleted text. The text that was the first line of the file is now at the end of the file. Save your work and then close the Emacs editor.""(p)



21. Create a file with 12 lines of text. Delete the second word in the text.

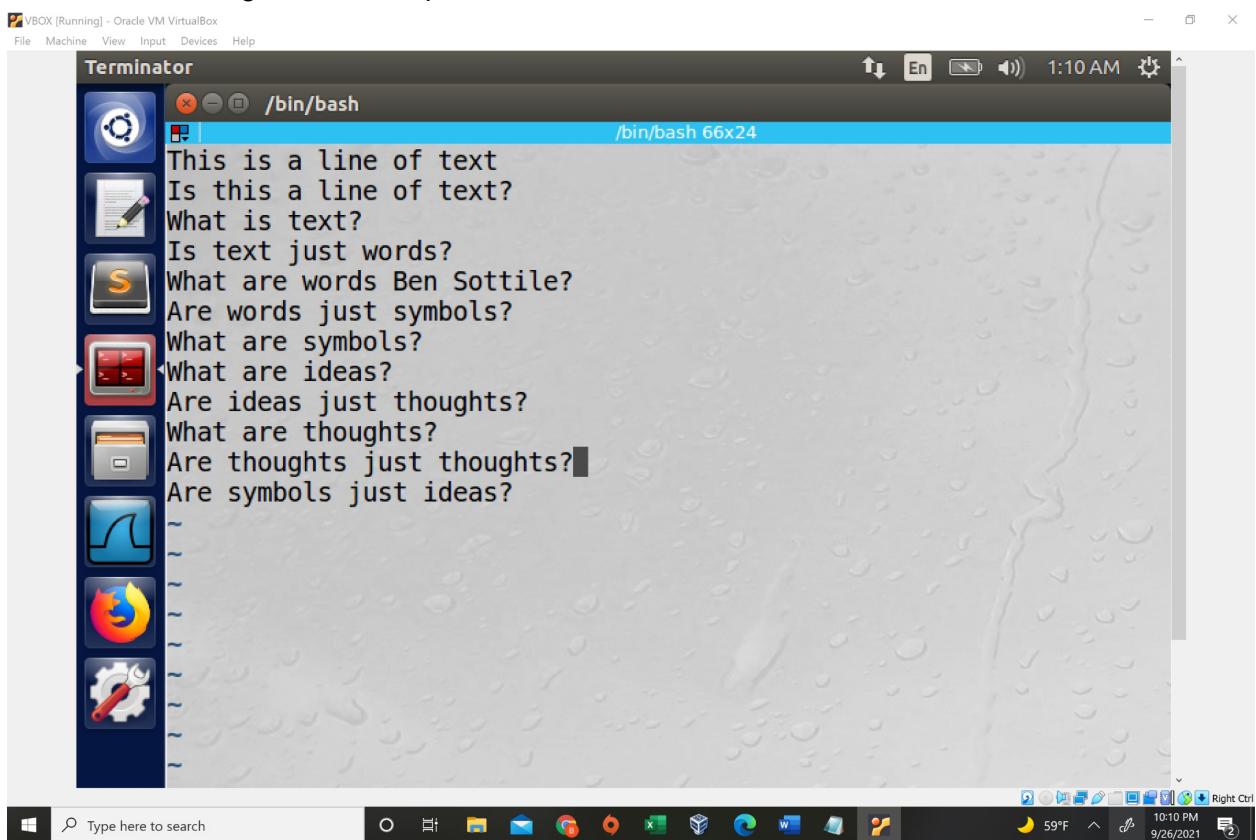


22. Go to the fifth line, and insert your first and last name.



```
This is a line of text
Is this a line of text?
What is text?
Is text just words?
What are words Ben Sottile?
Are words just symbols?
What are symbols?
Are symbols just ideas?
What are ideas?
Are ideas just thoughts?
What are thoughts?
Are thoughts just thoughts?
```

23. Remove the eighth line, and place it at the end of the file.



```
This is a line of text
Is this a line of text?
What is text?
Is text just words?
What are words Ben Sottile?
Are words just symbols?
What are symbols?
What are ideas?
Are ideas just thoughts?
What are thoughts?
Are thoughts just thoughts?
```

24. Use one command to go to the first line of the file.

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File Machine View Input Devices Help

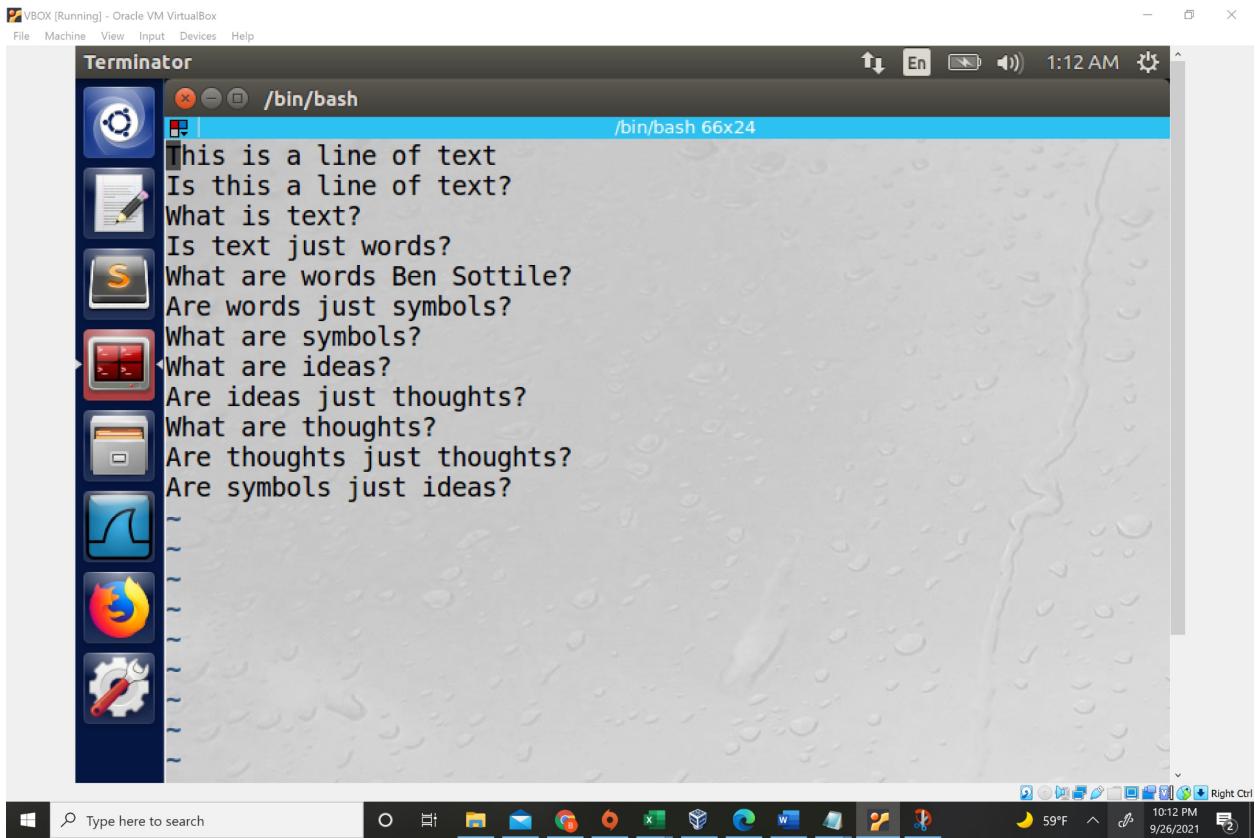
Terminator

/bin/bash

/bin/bash 66x24

```
This is a line of text
Is this a line of text?
What is text?
Is text just words?
What are words Ben Sottile?
Are words just symbols?
What are symbols?
What are ideas?
Are ideas just thoughts?
What are thoughts?
Are thoughts just thoughts?
Are symbols just ideas?
```

Windows Start Type here to search Taskbar icons Date/Time



25. Search for your last name.

VBOX [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

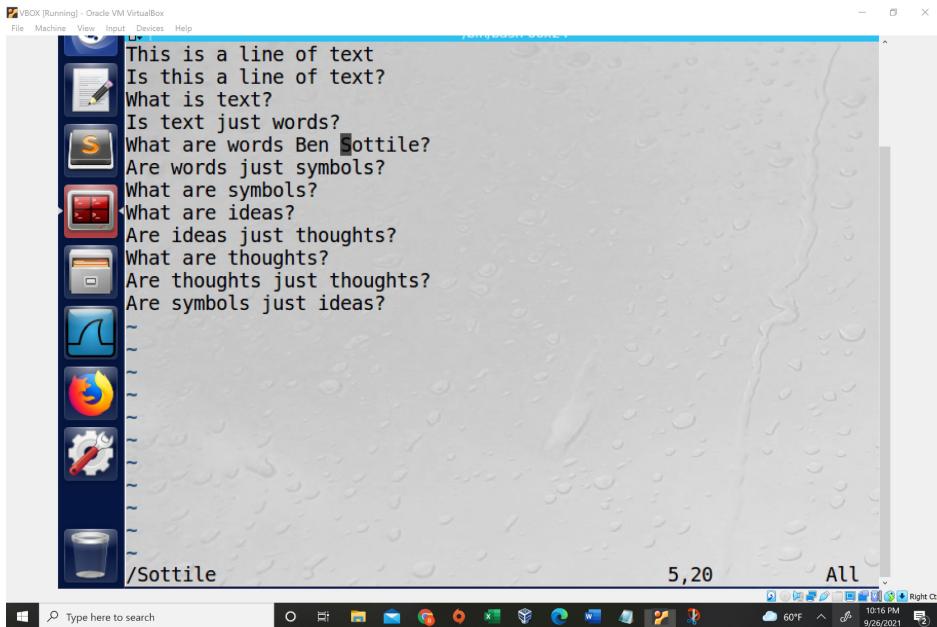
Terminator

/bin/bash

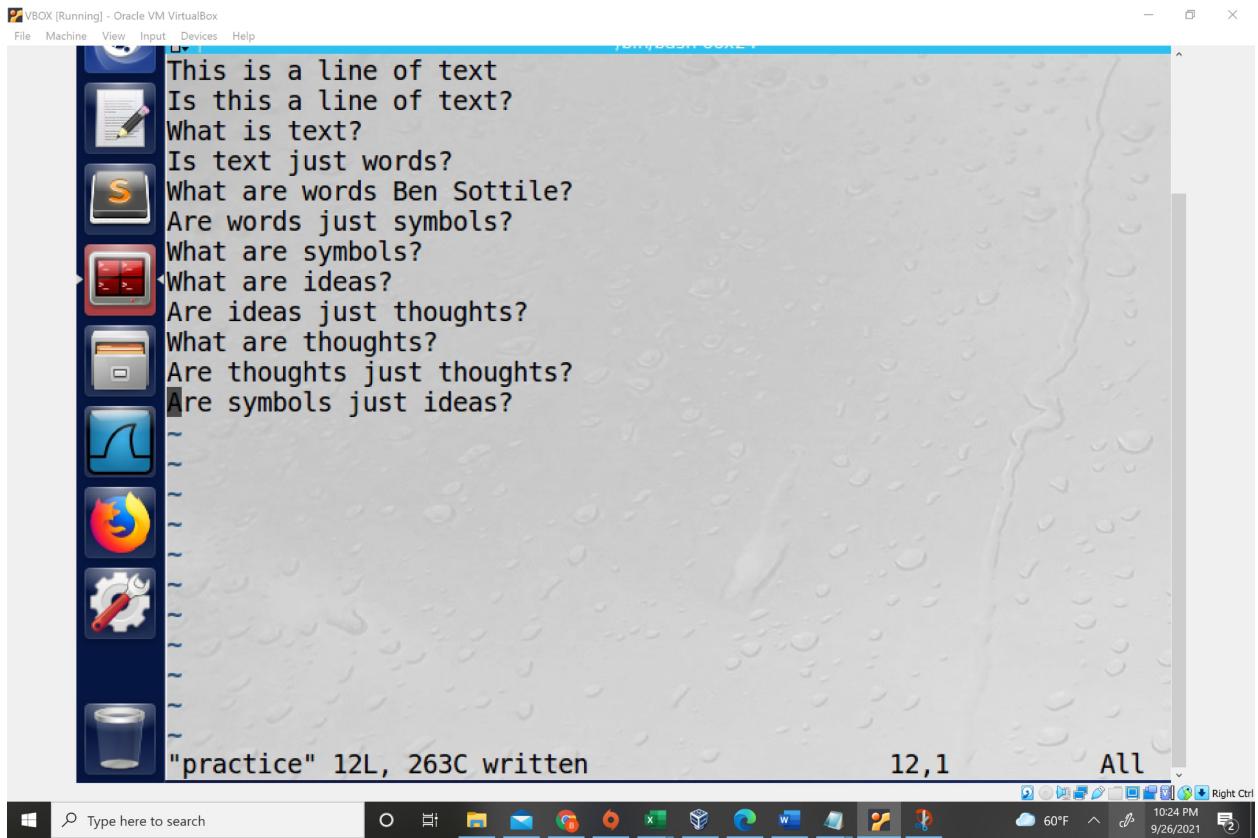
/bin/bash 66x24

```
This is a line of text
Is this a line of text?
What is text?
Is text just words?
What are words Ben Sottile?
Are words just symbols?
What are symbols?
What are ideas?
Are ideas just thoughts?
What are thoughts?
Are thoughts just thoughts?
Are symbols just ideas?
```

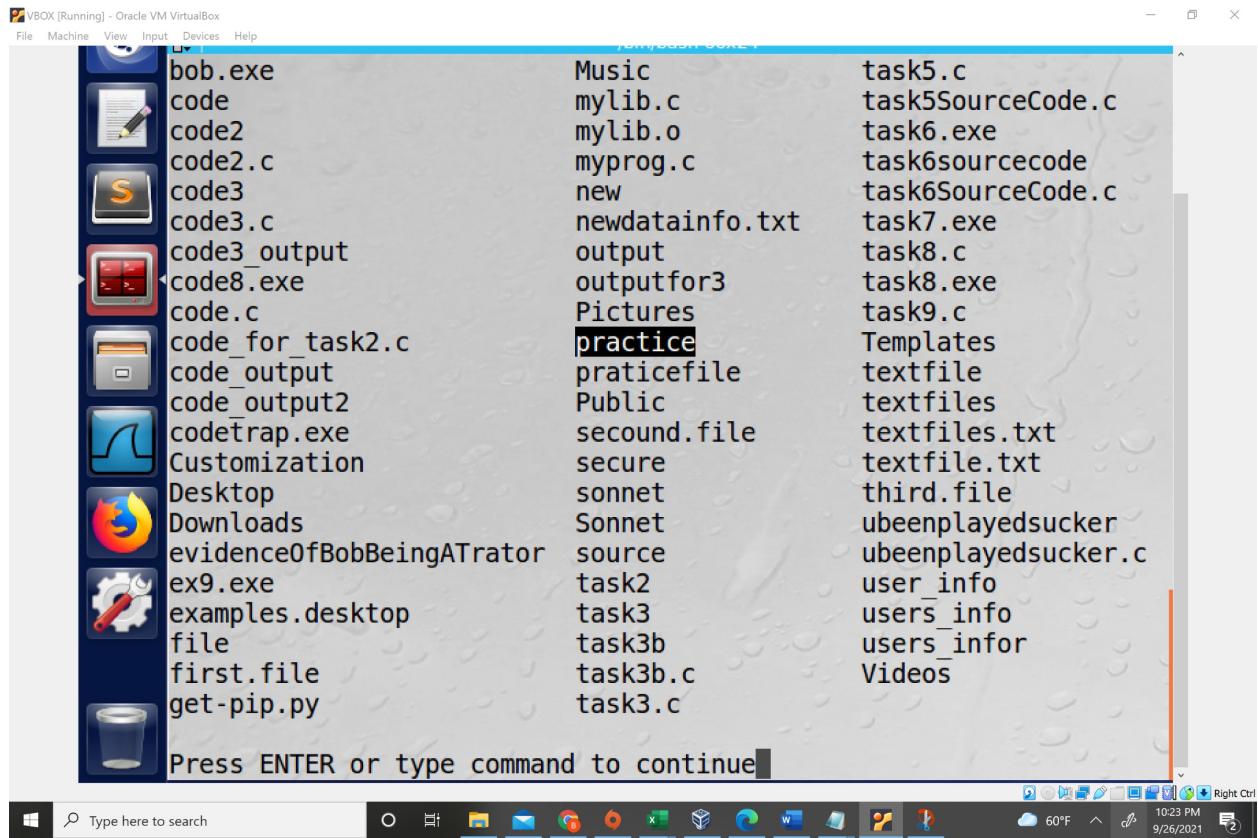
Windows Start Type here to search Taskbar icons Date/Time



26. Save the file, but do not exit vi.



27. Without exiting vi, temporarily execute the ls command to confirm that the file is saved.



28. Enter the command that causes line numbers to appear.

```
VBOX [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
1 This is a line of text
2 Is this a line of text?
3 What is text?
4 Is text just words?
5 What are words Ben Sottile?
6 Are words just symbols?
7 What are symbols?
8 What are ideas?
9 Are ideas just thoughts?
10 What are thoughts?
11 Are thoughts just thoughts?
12 Are symbols just ideas?

:set number
12,1
All
```

Type here to search 60°F 10:25 PM 9/26/2021 Right Ctrl

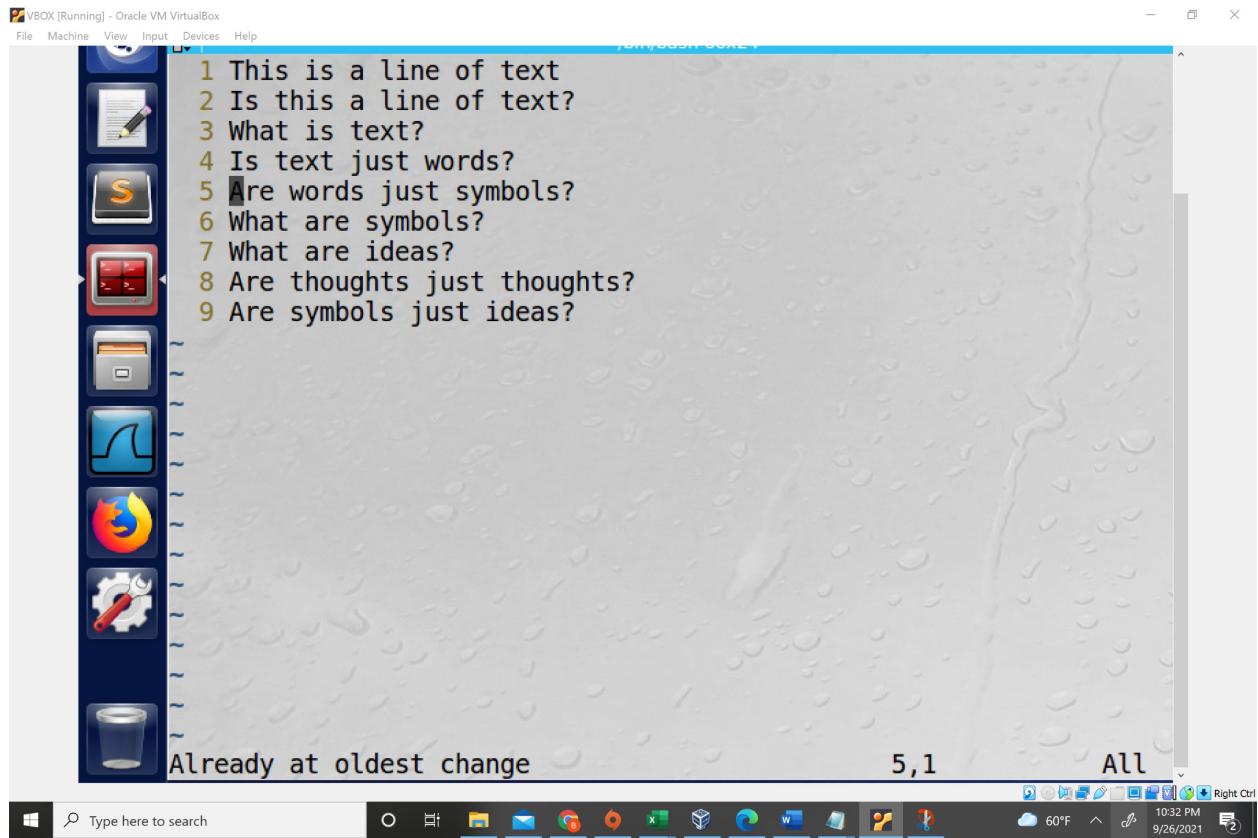
29. Delete lines 9 and 10.

```
VBOX [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
1 This is a line of text
2 Is this a line of text?
3 What is text?
4 Is text just words?
5 What are words Ben Sottile?
6 Are words just symbols?
7 What are symbols?
8 What are ideas?
9 Are thoughts just thoughts?
10 Are symbols just ideas?

Already at oldest change
9,1
All
```

Type here to search 60°F 10:26 PM 9/26/2021 Right Ctrl

30. Move to the line of text that contains your first and last name, cut it, and place the text in the buffer.

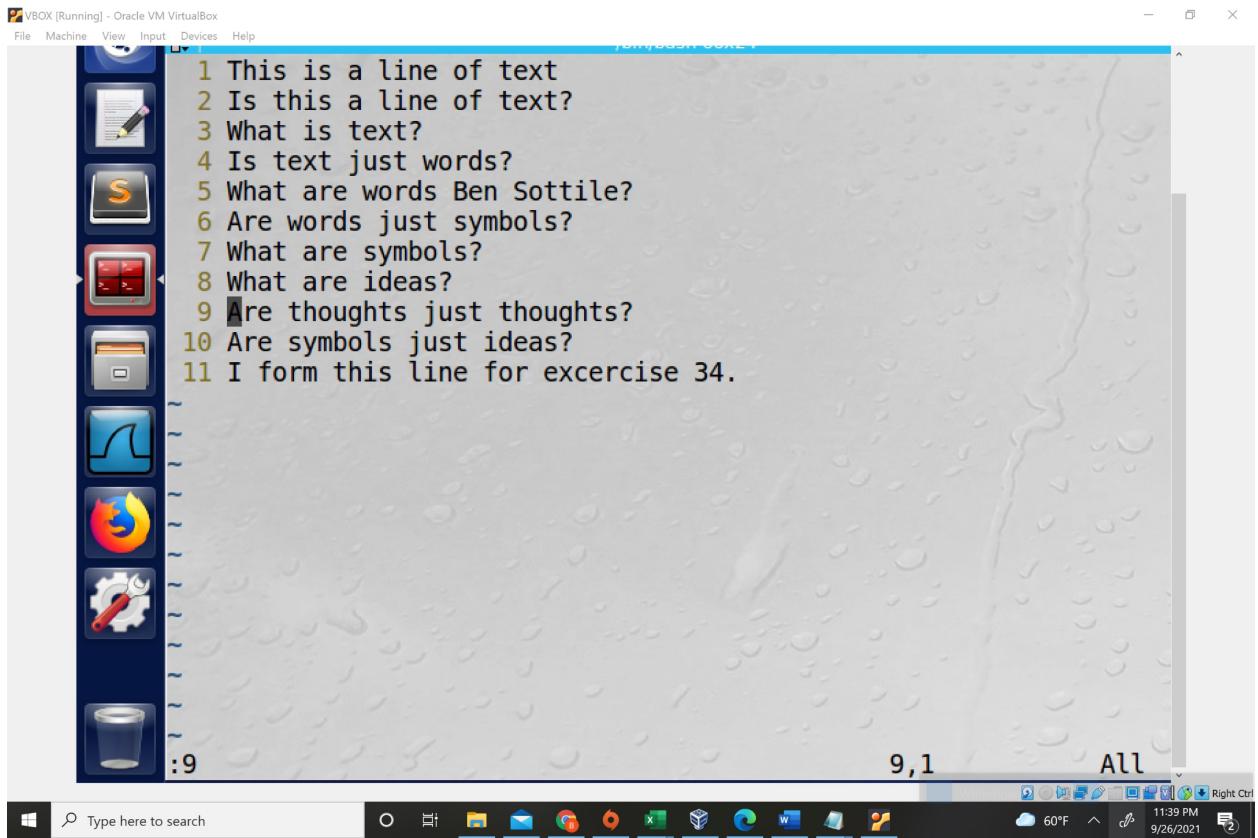


31. Paste the line with your first and last name in the middle of the text.””

```
VBOX [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
1 This is a line of text
2 Is this a line of text?
3 What is text?
4 Is text just words?
5 What are words Ben Sottile?
6 Are words just symbols?
7 What are symbols?
8 What are ideas?
9 Are thoughts just thoughts?
10 Are symbols just ideas?

1 more line; before #4 01:32:24      5,1      All
```

33. Add text to the file, and practice using the cursor movement commands.



34. Replace all occurrences of the word “form” with “create.”

VBOX [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

1 This is a line of text
2 Is this a line of text?
3 What is text?
4 Is text just words?
5 What are words Ben Sottile?
6 Are words just symbols?
7 What are symbols?
8 What are ideas?
9 Are thoughts just thoughts?
10 Are symbols just ideas?
11 I create this line for excercise 34.

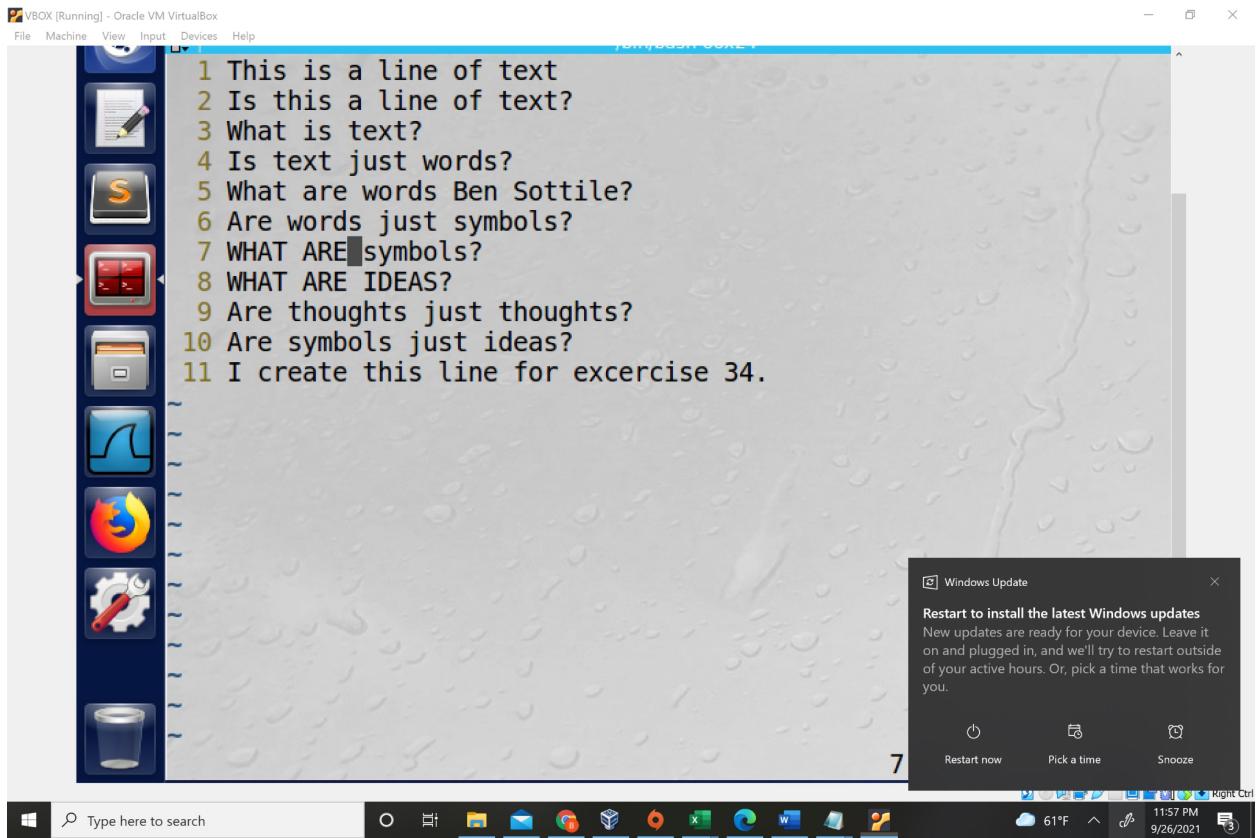
:s/form/create 11,1 All

Type here to search

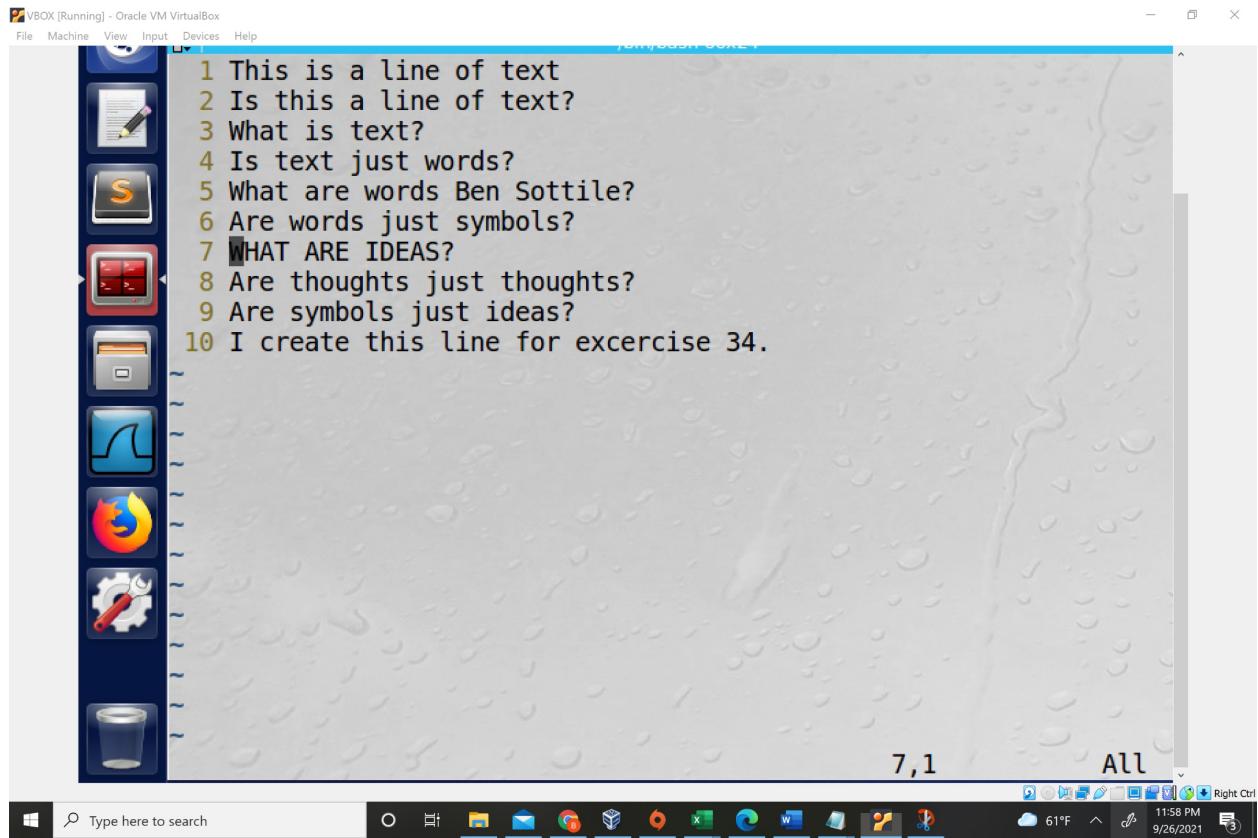
11:43 PM 9/26/2021 Right Ctrl

60°F

"35. Select five words and convert them to all uppercase.



36. Delete a line and then undo the deletion



.37. Transpose the first two words in each line.

VBOX [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

1 This is a line of text
2 Is this a line of text?
3 What is text?
4 Is text just words?
5 What are words Ben Sottile?
6 Are words just symbols?
7 WHAT ARE symbols?
8 WHAT ARE IDEAS?
9 Are thoughts just thoughts?
10 Are symbols just ideas?
11 I create this line for excercise 34.

1 more line; before #78 39 seconds ago 7,1 All

38. Save the file and exit Emacs."

