USN: 20BTRCO048
NAME: Ajay Kumar Mandal

Ex No: 2
Date: 24th, Feb, 2022
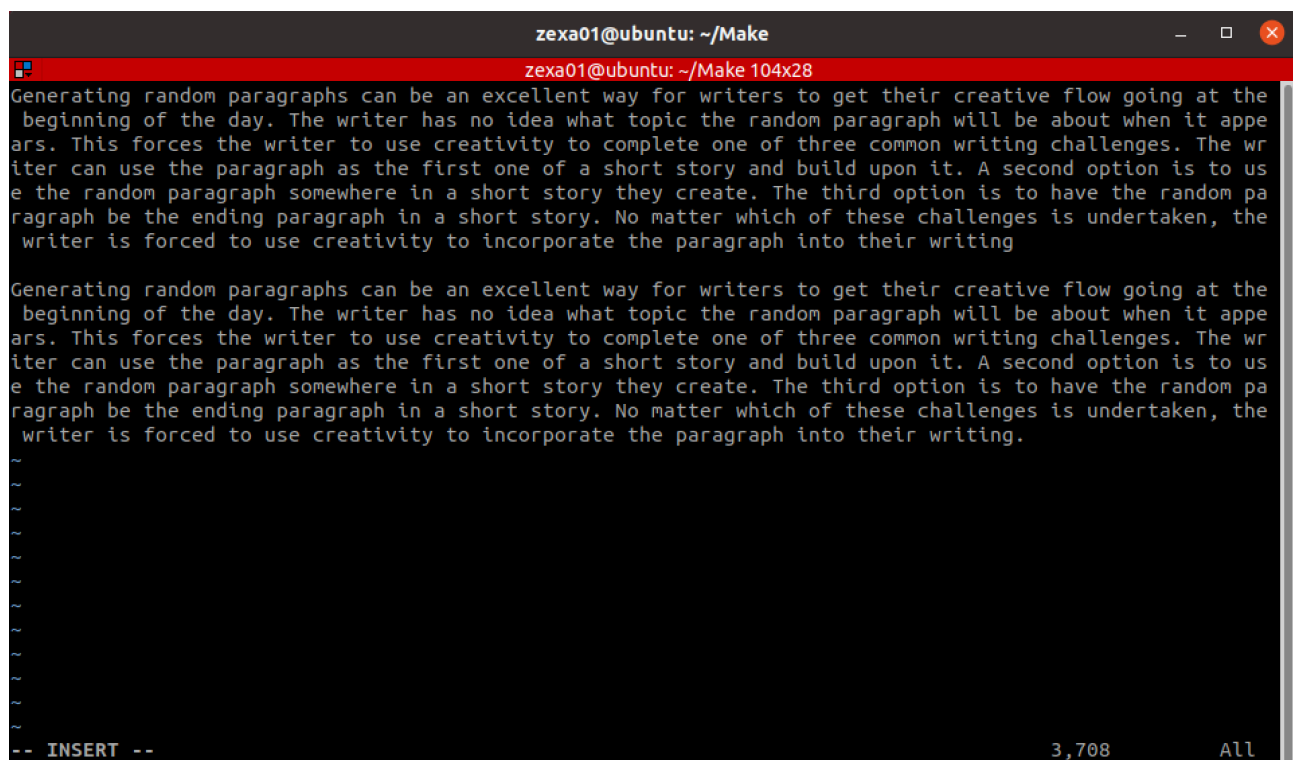
Basic functionality and modes of VI editor

Invoking vi

Inserting random two paragraph to test all command cases

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Exiting vi

Moving the Cursor
j or <Enter> [or down-arrow] : move cursor down one line
k [or up-arrow]   : move cursor up one line
h or <Backspace> [left-arrow] : move cursor left one character
l or <Space> [or right-arrow].   : move cursor right one character
0 (zero) : move cursor to start of the current line (the one with the cursor)
$: move cursor to the end of the current line
w   : move cursor to the beginning of next word
b   : move the cursor back to the beginning of preceding word
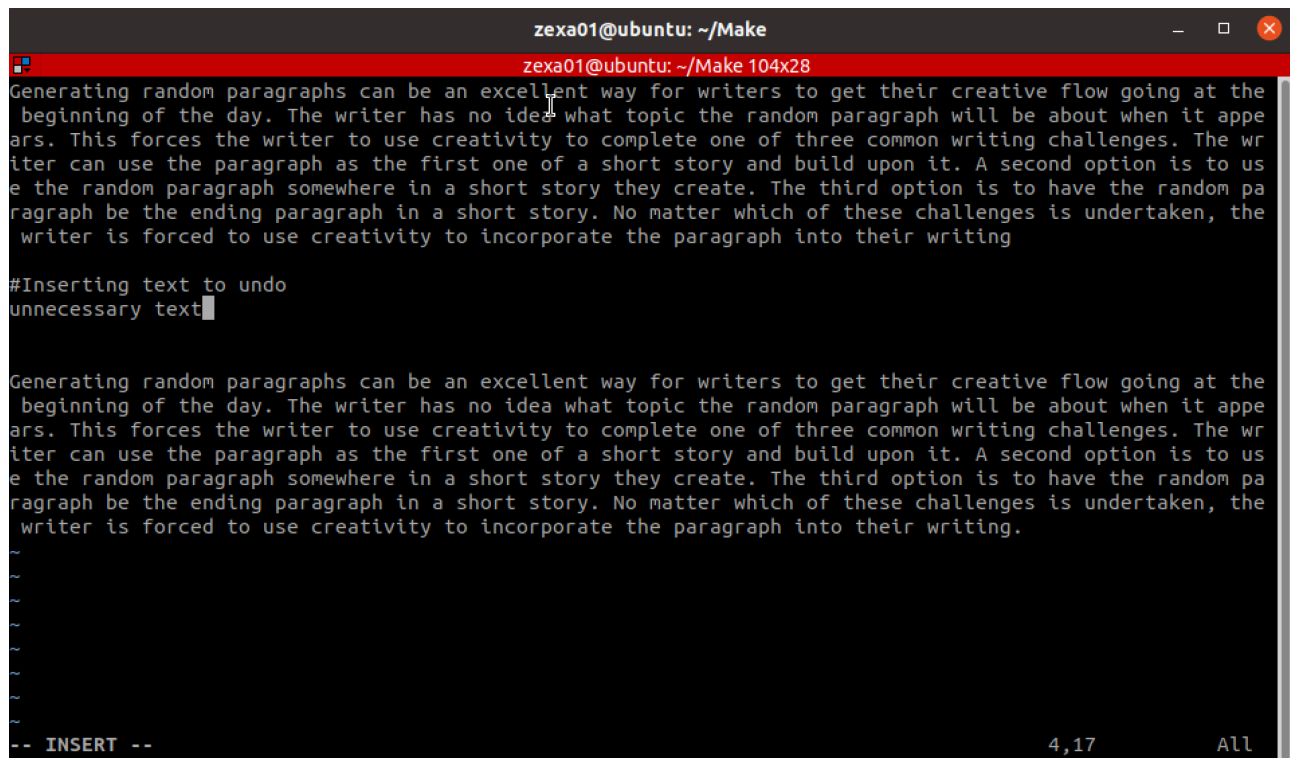:0<Enter> or 1G : move the cursor to the first line in the file
:$<Enter> or G : move the cursor to the last line in the file

Every commands work well !!

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Adding and Deleting Text

Now undo the written text with u, On clicking u the text disappear

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Inserting or Adding Text

i insert text before the cursor, until <Esc> hit

On clicking 'I', we have option to insert text and as we click <esc>, the insert option disable

Deleting Text

The following commands allow you to delete text :

1. X : delete single character under the cursor
2. Nx : delete N characters, starting with a character under the cursor
3. Dw : delete the single word beginning with a character under the cursor
4. dNw : delete N words beginning with a character under cursor; e.g., d5w deletes 5 words
5. D : delete the remainder of the line, starting with the current cursor position
6. Dd : delete entire current line
7. Ndd or dNd : delete N lines, beginning with the current line; e.g., 5dd deletes 5 lines

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Some showdowns :
Using 5x

Starting 5 letters of Generating were deleted.
Using Dd, Entire line was deleted.

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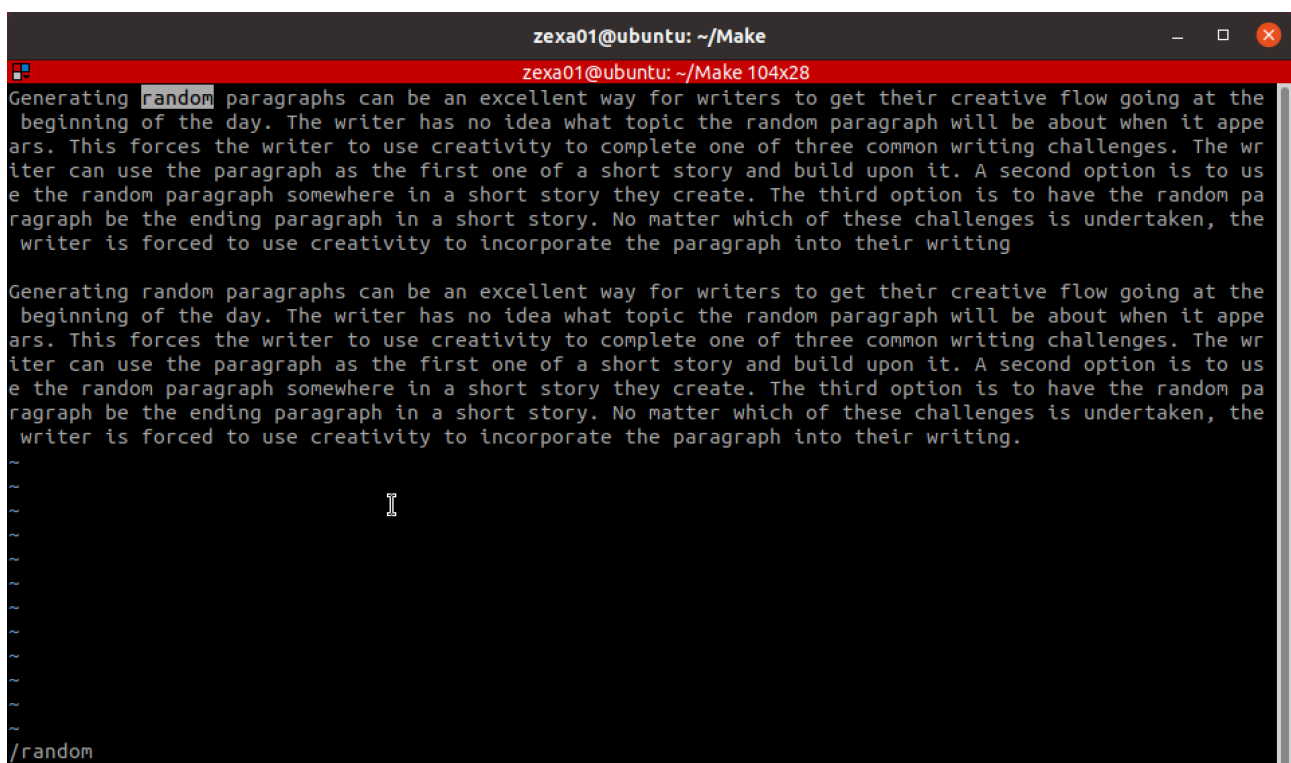NAME: Ajay Kumar Mandal

Cutting and Pasting Text
The following commands allow you to copy and paste text :
• Yy : copy (yank, cut) the current line into the buffer
• Nyy or yNy : copy (yank, cut) the next N lines, including the current line, into the buffer
• P : put (paste) the line(s) in the buffer into the text after the current line

Searching Text
A common occurrence in text editing is to replace one word or phrase by another. To locate instances of particular sets of characters (or strings), use the following commands.
1. /string : search forward for the occurrence of a string in the text
2. ?string : search backward for the occurrence of a string in the text
3. n : move to next occurrence of the search string
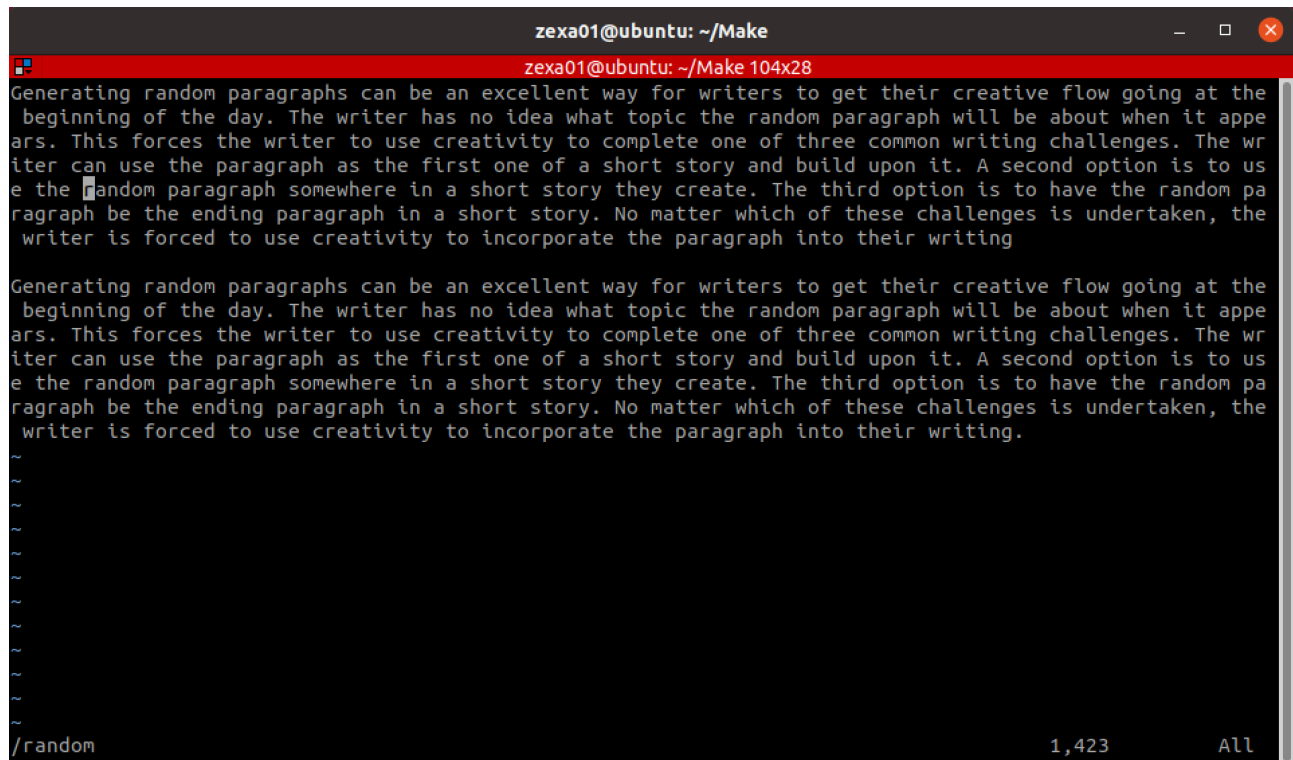4. N : move to next occurrence of the search string in opposite direction

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On clicking 'n', cursor move to next 'random' keyword as per search
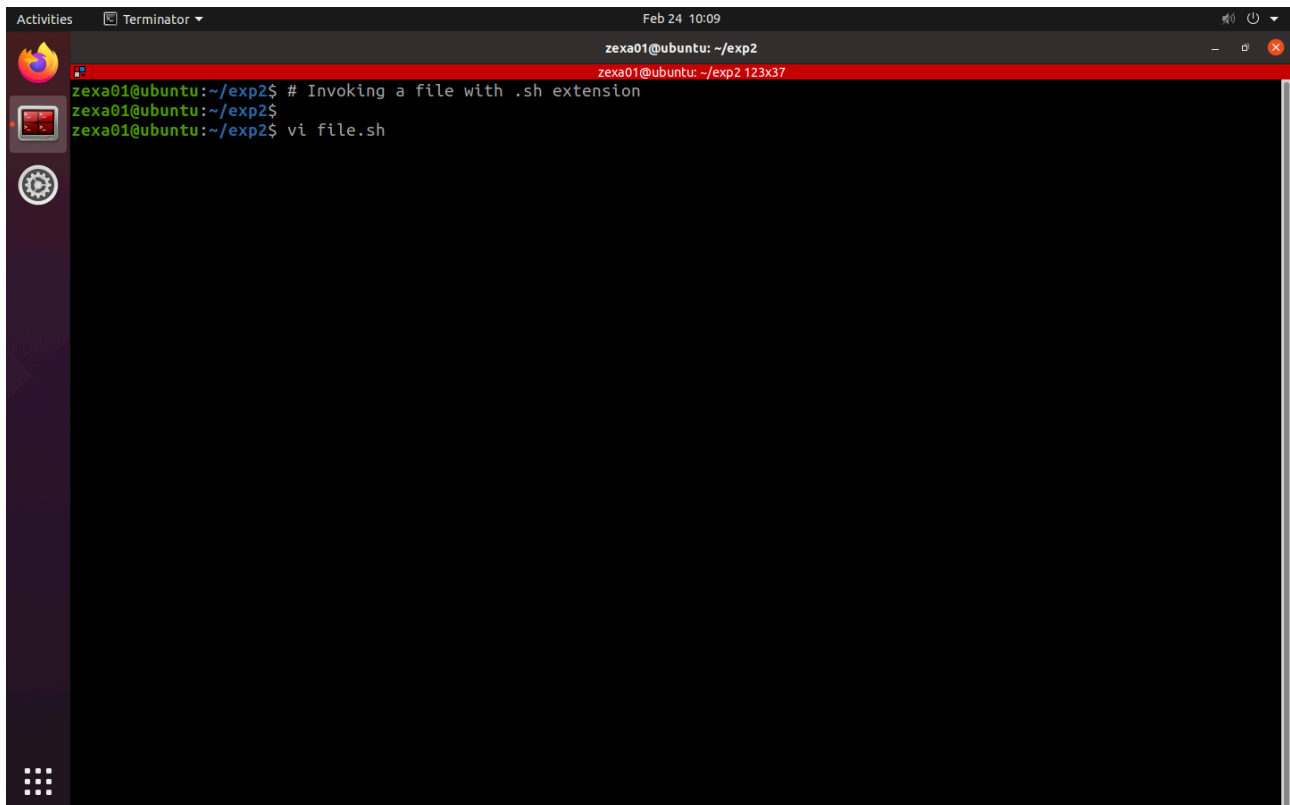
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Follow the following steps in each case to execute the programs:

1. To write the programs, create new files for each program by writing in the command
prompt: vi file.sh

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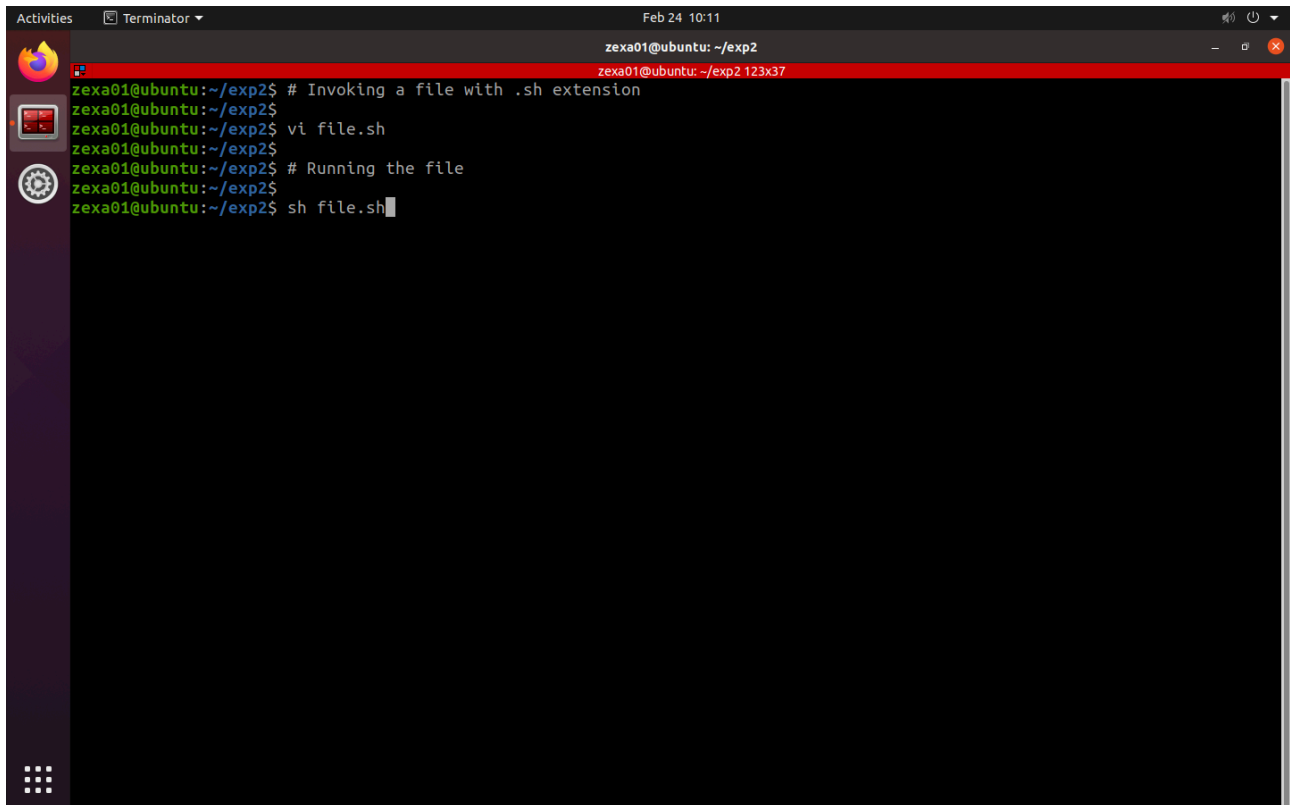NAME: Ajay Kumar Mandal

2. Write the program as plain text (in Insert mode)

3. Save the file and exit

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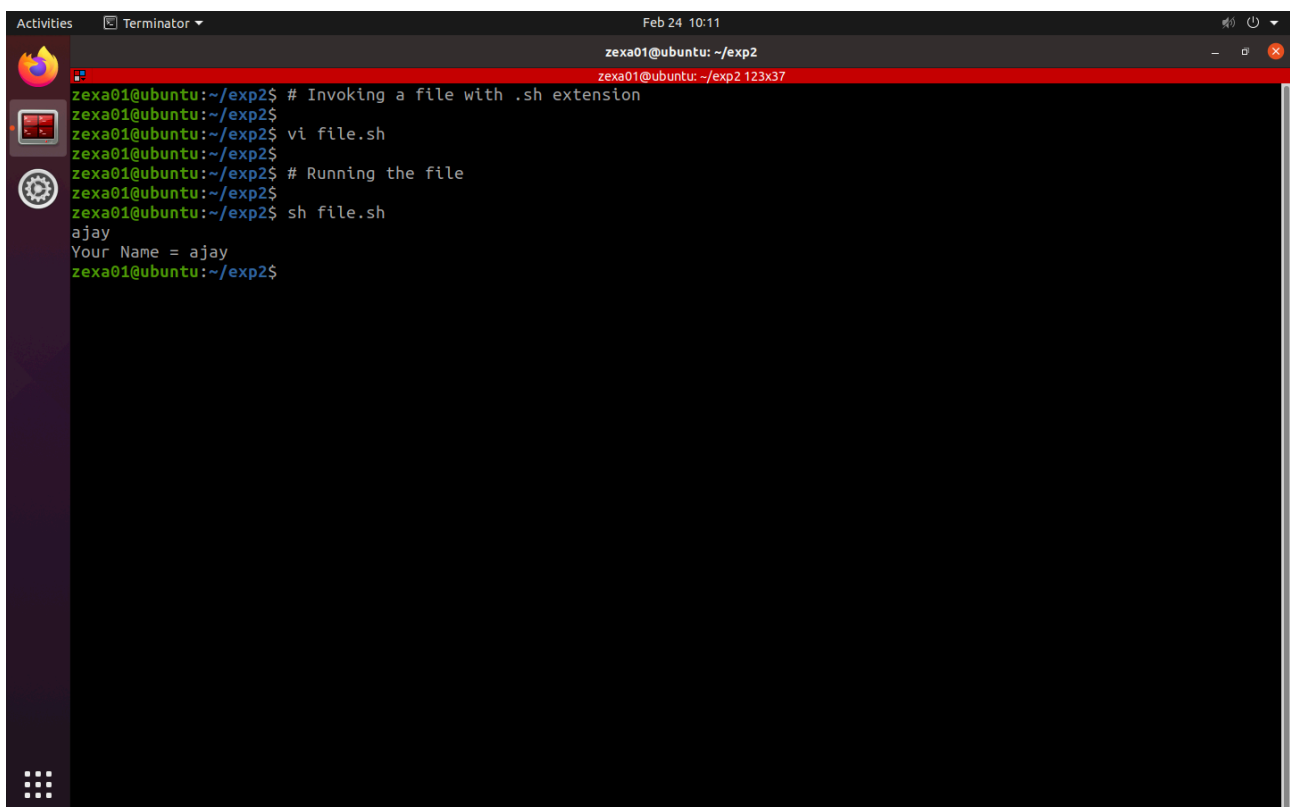
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4. Run the file by giving following command in the command prompt: sh file.sh