

# Using nano Editor

คำสั่งที่สามารถทำ copy & paste ดังแสดง คือ `Alt + 6, Ctrl + U`.....

```
GNU nano 2.9.3 nanotest Modified
Nano is a clone of the aging Pico text editor, the editor for the Pine email
client that was very popular back in the early 90s, on Unix systems. Pine is
now replaced by Alpine and Pico by Nano. But somethings haven't changed,
like the simplicity of editing with Nano.

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คำสั่งที่ใช้ค้นหาคำว่า is คือ `Ctrl + w`.....

และถ้าต้องการค้นหาหลายครั้ง ต้องใช้คำสั่ง `Alt + w`.....

```
GNU nano 2.9.3 nanotest Modified
Nano is a clone of the aging Pico text editor, the editor for the Pine email
client that was very popular back in the early 90s, on Unix systems. Pine is
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คำสั่งที่ใช้แทนที่คำว่า is ด้วยคำว่า was คือ `Ctrl+I`.....

และมีทางเลือกในการแทนที่หรือไม่ และต้องทำอะไร `กด Y` เพื่อแทนที่ครั้งละคำ  
`กด A` เพื่อแทนที่ทั้งหมด

```
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# Using nano Editor

คำสั่งที่ใช้ save file ชื่อ test คือ `Ctrl+O` จากนั้นพิมพ์ชื่อ file (Test)

```
GNU nano 2.9.3          nanotest          Modified
Nano was a clone of the aging Pico text editor, the editor for the Pine email
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File Name to Write: test
^G Get Help      M-D DOS Format   M-A Append      M-B Backup File
^C Cancel        M-M Mac Format   M-P Prepend     ^T To Files
```

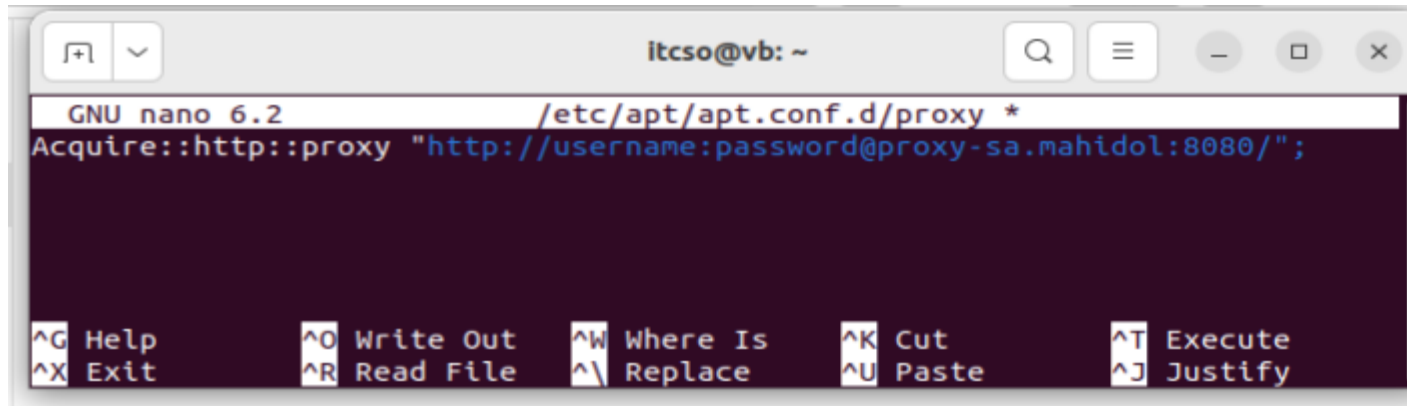
# การติดตั้ง vim editor

ติดตั้ง vim ในเครื่องเอง โดยใช้ขั้นตอนต่อไปนี้

ขั้นตอนที่ 1

```
$ sudo nano /etc/apt/apt.conf
```

```
Acquire::http::proxy "http://<username>:<password>@proxy-sa.mahidol:8080/";
```

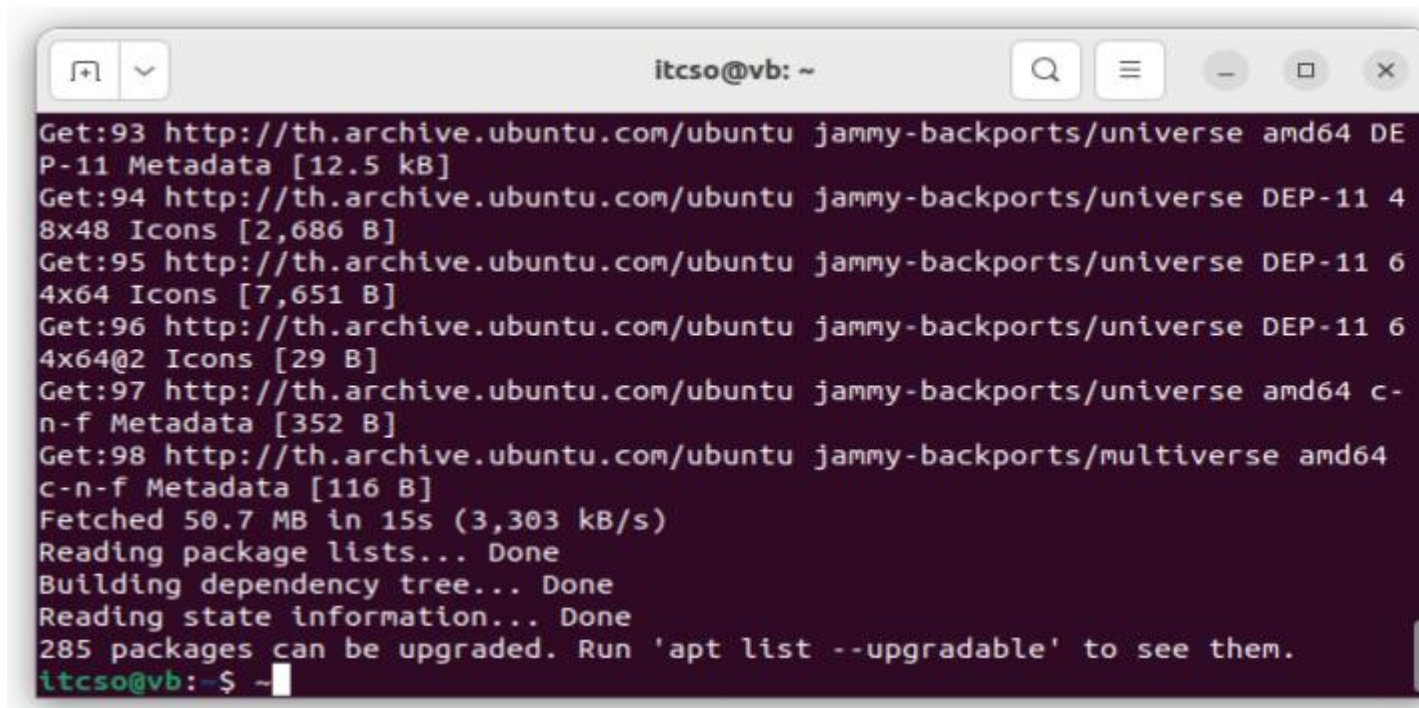


```
itcso@vb: ~  
GNU nano 6.2 /etc/apt/apt.conf.d/proxy *  
Acquire::http::proxy "http://username:password@proxy-sa.mahidol:8080/";  
  
^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute  
^X Exit      ^R Read File  ^\ Replace    ^U Paste      ^J Justify
```

# การติดตั้ง vim editor

## ขั้นตอนที่ 2

\$ sudo apt update

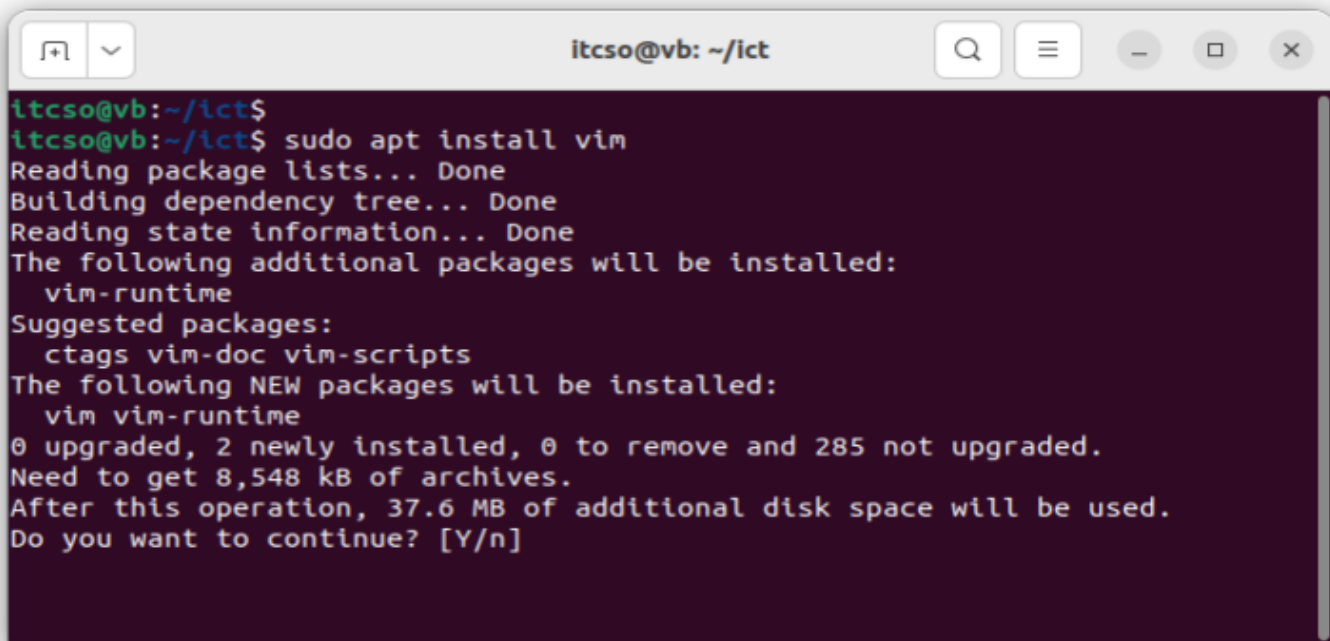
A terminal window titled 'itcso@vb: ~' showing the output of the 'sudo apt update' command. The output lists updates for various packages from the Ubuntu archive, including metadata and icons for 'jammy-backports/universe' and 'jammy-backports/multiverse'. It reports that 50.7 MB were fetched in 15 seconds at a rate of 3,303 kB/s. Finally, it states that 285 packages can be upgraded and suggests running 'apt list --upgradable' to see them. The prompt 'itcso@vb:~\$' is visible at the bottom.

```
Get:93 http://th.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 DE
P-11 Metadata [12.5 kB]
Get:94 http://th.archive.ubuntu.com/ubuntu jammy-backports/universe DEP-11 4
8x48 Icons [2,686 B]
Get:95 http://th.archive.ubuntu.com/ubuntu jammy-backports/universe DEP-11 6
4x64 Icons [7,651 B]
Get:96 http://th.archive.ubuntu.com/ubuntu jammy-backports/universe DEP-11 6
4x64@2 Icons [29 B]
Get:97 http://th.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-
n-f Metadata [352 B]
Get:98 http://th.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64
c-n-f Metadata [116 B]
Fetched 50.7 MB in 15s (3,303 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
285 packages can be upgraded. Run 'apt list --upgradable' to see them.
itcso@vb:~$
```

# การติดตั้ง vim editor

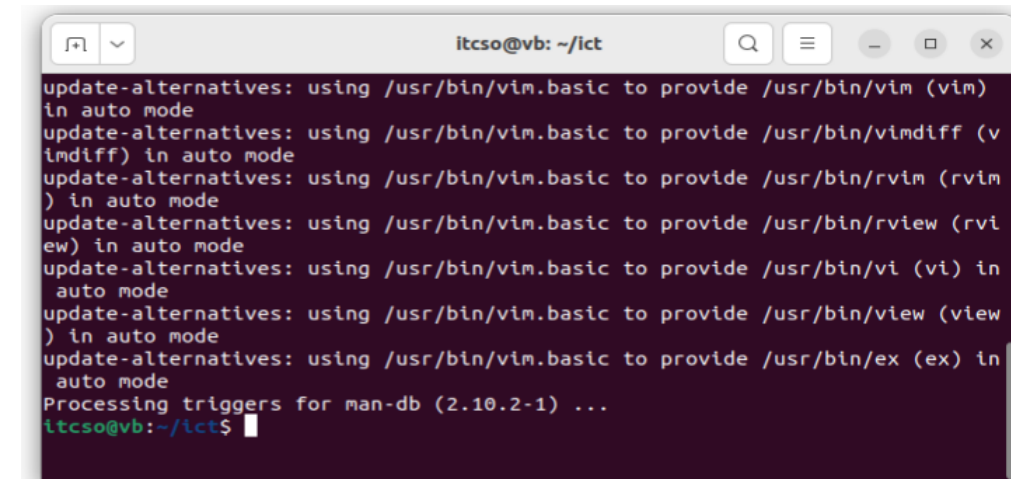
## ขั้นตอนที่ 3

\$ sudo apt install vim



```
itcso@vb: ~/ict
itcso@vb:~/ict$
itcso@vb:~/ict$ sudo apt install vim
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  vim-runtime
Suggested packages:
  ctags vim-doc vim-scripts
The following NEW packages will be installed:
  vim vim-runtime
0 upgraded, 2 newly installed, 0 to remove and 285 not upgraded.
Need to get 8,548 kB of archives.
After this operation, 37.6 MB of additional disk space will be used.
Do you want to continue? [Y/n]
```

ให้ตอบ Y



```
itcso@vb: ~/ict
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/vim (vim)
in auto mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/vimdiff (v
imdiff) in auto mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/rvim (rvim
) in auto mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/rview (rvi
ew) in auto mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/vi (vi) in
auto mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/view (view
) in auto mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/ex (ex) in
auto mode
Processing triggers for man-db (2.10.2-1) ...
itcso@vb:~/ict$
```

# การติดตั้ง vim editor

ถ้าติดตั้ง vim เรียบร้อยแล้ว ให้ลบ password ออกจากไฟล์ /etc/apt/apt.conf เพื่อปกป้อง password ของตนเอง เพราะไฟล์นี้ สามารถเข้าถึงโดยผู้อื่นได้

```
$ sudo nano /etc/apt/apt.conf
```

```
Acquire::http::proxy "http://<username>:xxxxxxx@proxy-sa.mahidol:8080/";
```

# Using vim Editor

Open “test” file ด้วย vim ซึ่งแสดงว่าไฟล์มีข้อมูล ..... บรรทัด และจำนวนตัวอักษร ..... ตัว

```
Nano was a clone of the aging Pico text editor, the editor for the Pine email client that was very popular back in the early 90s, on Unix systems. Pine was now replaced by Alpine and Pico by Nano. But somethings haven't changed, like the simplicity of editing with Nano.
```

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```

```
"test" 10L, 548C
```

# Using vim Editor

ฝึกการใช้คำสั่ง movement ข้อ 1-5 ที่ละคำสั่ง และแสดงผลที่ได้  
โดยให้ตำแหน่งของ cursor อยู่ที่ line 3 และ column 23 ตามตัวอย่าง

```
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client that was very popular back in the early 90s, on Unix systems. Pine was  
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client that was very popular back in the early 90s, on Unix systems. Pine was  
now replaced by Alpine and Pico by Nano. But somethings haven't changed,  
like the simplicity of editing with Nano.
```

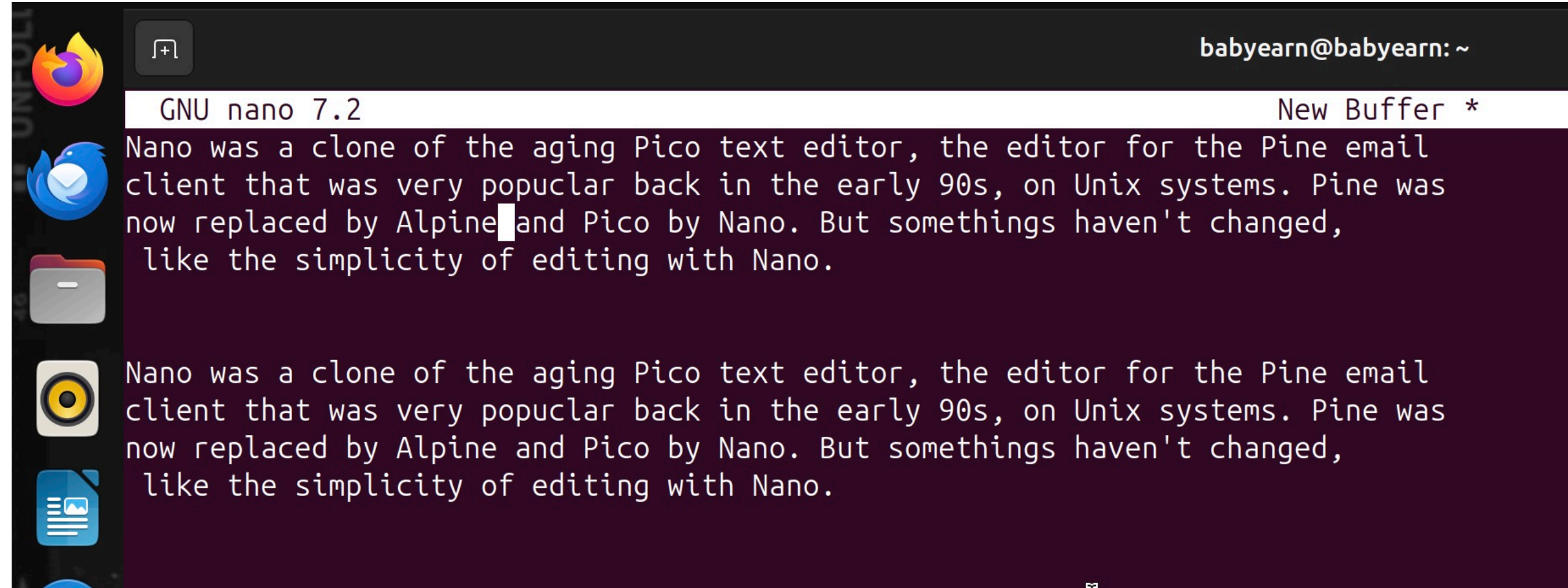
# Using vim Editor

ฝึกการใช้คำสั่ง yank & paste เพื่อสร้าง content ให้มากขึ้น เป็น 2 หน้าจอ  
และแสดงผลที่ได้ ที่มีจำนวน line = ..20..... และจำนวนตัวอักษร = ...1,096.....

```
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client that was very popular back in the early 90s, on Unix systems. Pine was  
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```

# Using vim Editor



The image shows a terminal window with a dark background. On the left side, there is a vertical dock with several application icons: a Firefox browser icon, a Twitter icon, a file manager icon, a music player icon, and a document icon. The terminal window itself has a title bar at the top that reads "babyearn@babyearn: ~". Below the title bar, the text "GNU nano 7.2" is displayed on the left, and "New Buffer \*" is on the right. The main area of the terminal contains two identical paragraphs of text in a monospaced font. The first paragraph is: "Nano was a clone of the aging Pico text editor, the editor for the Pine email client that was very popular back in the early 90s, on Unix systems. Pine was now replaced by Alpine and Pico by Nano. But somethings haven't changed, like the simplicity of editing with Nano." The second paragraph is identical to the first. A cursor is visible at the end of the first paragraph.

```
babyearn@babyearn: ~  
GNU nano 7.2 New Buffer *  
Nano was a clone of the aging Pico text editor, the editor for the Pine email  
client that was very popular back in the early 90s, on Unix systems. Pine was  
now replaced by Alpine and Pico by Nano. But somethings haven't changed,  
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```

# Using vim Editor

ฝึกการใช้คำสั่ง screen moving เพื่อแสดงการเคลื่อนที่ตำแหน่งของ Cursor ของ หน้าจอและแสดงผลที่ได้

```
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# Using vim Editor

ฝึกการใช้คำสั่ง Insert เพื่อเพิ่มความตามตัวอย่าง โดยใช้คำสั่ง l, i, A, a

```
Nano was a clone of the aging Pico text editor, the editor for the Pine email
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now replaced by Alpine and Pico by Nano. But somethings haven't changed,
like the simplicity of editing with Nano.
```

```
This is a test file for learning the vim editor.█
```

```
-- INSERT --
```

12,49 All

Nano was a clone or the aging Pico text editor, the editor foe the Pine email client that wasv very popular back in the early 90s, on Unix systems. Pine was now replaced by Alpine and Pico by Nano. But somethings haven't changed, like the simplicity of editing with Nano.

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This is a test file for learning the vim editor.█

~

~

~

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I



# Using vim Editor

ฝึกการใช้คำสั่ง Editing เพื่อแก้ไขข้อความจาก Command Mode โดยใช้คำสั่ง

x, s, dw, dd, cc

- ให้แก้ไขคำว่า was เป็น is ตามตัวอย่าง

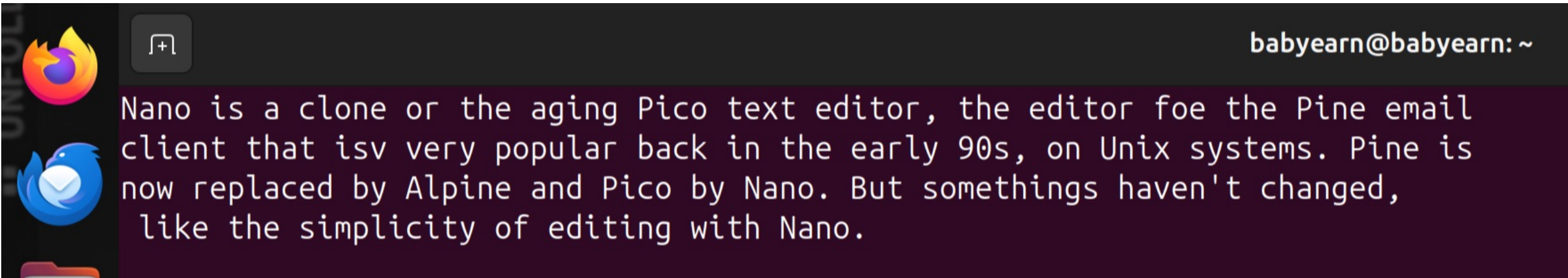
```
Nano is a clone of the aging Pico text editor, the editor for the Pine email
client that was very popular back in the early 90s, on Unix systems. Pine was
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# Using vim Editor

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x, s, dw, dd, cc

- ให้แก้ไขคำว่า was เป็น is ตามตัวอย่าง



A terminal window with a dark background. On the left, there are icons for Firefox, a blue bird (Twitter), and a folder. The terminal title bar shows a window icon and the text 'babyearn@babyearn: ~'. The main content of the terminal is a text block that reads: 'Nano is a clone or the aging Pico text editor, the editor foe the Pine email client that isv very popular back in the early 90s, on Unix systems. Pine is now replaced by Alpine and Pico by Nano. But somethings haven't changed, like the simplicity of editing with Nano.'

```
babyearn@babyearn: ~  
Nano is a clone or the aging Pico text editor, the editor foe the Pine email  
client that isv very popular back in the early 90s, on Unix systems. Pine is  
now replaced by Alpine and Pico by Nano. But somethings haven't changed,  
like the simplicity of editing with Nano.
```

# Using vim Editor

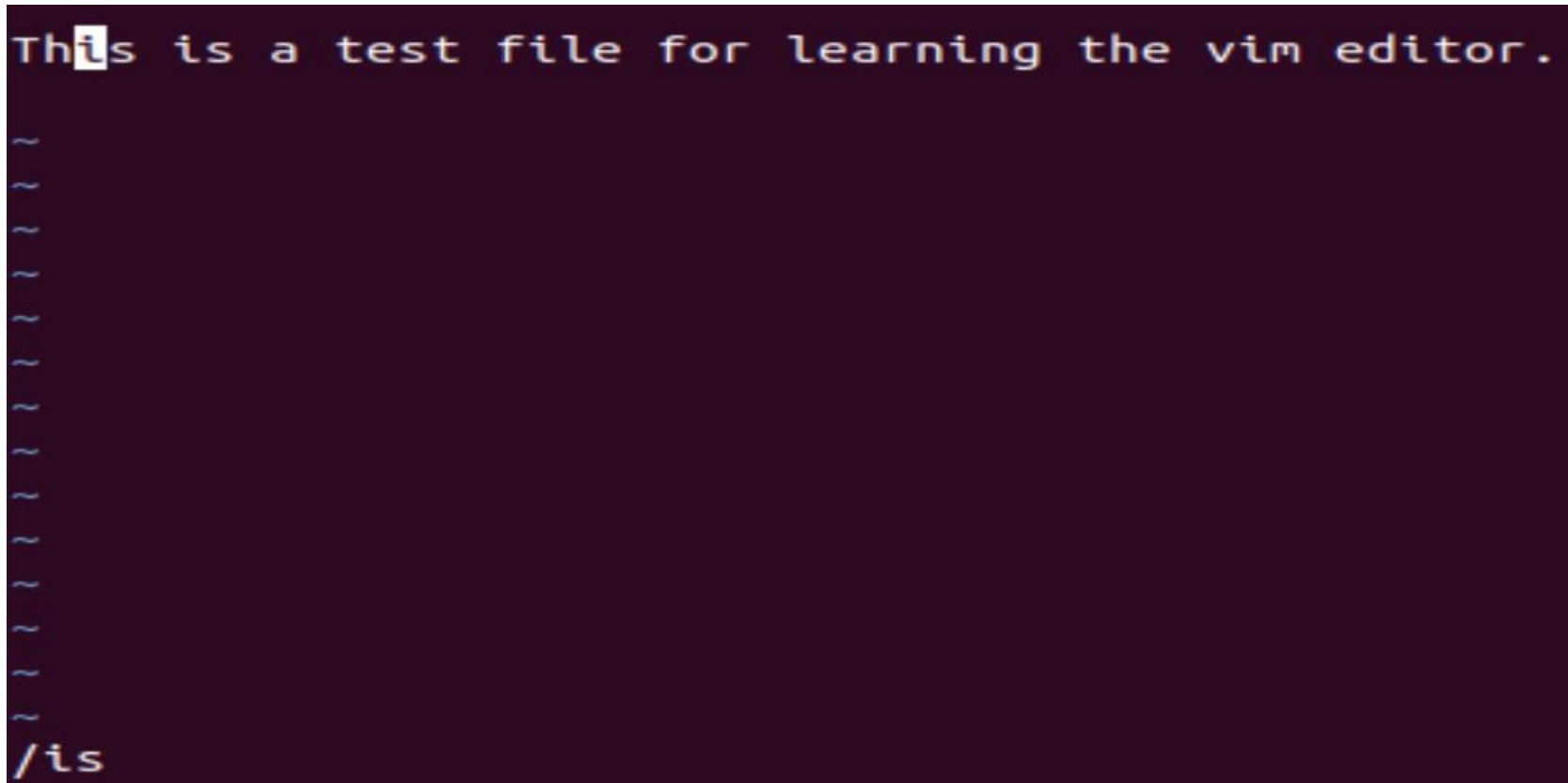
คำสั่งที่ใช้ลบข้อมูล 1 บรรทัด คือ `dd`..... บรรทัด และ cursor อยู่ที่ตำแหน่ง line `8`.... และ column`1`.....

```
Nano was a clone of the aging Pico text editor, the editor for the Pine email
client that was very popular back in the early 90s, on Unix systems. Pine was
now replaced by Alpine and Pico by Nano. But somethings haven't changed,
like the simplicity of editing with Nano.
```

```
client that was very popular back in the early 90s, on Unix systems. Pine was
now replaced by Alpine and Pico by Nano. But somethings haven't changed,
like the simplicity of editing with Nano.
```

# Using vim Editor

ให้ใช้คำสั่ง search เพื่อค้นหาคำ เช่น is ตามตัวอย่าง และให้ทดสอบหาคำว่า is ทั้งหมด



The screenshot shows the vim editor interface with a dark background. The first line of the file contains the text "This is a test file for learning the vim editor." The cursor is positioned at the start of the word "is". Below the first line, there are several lines of text, each starting with a tilde (~) character, indicating that the word "is" has been found on those lines. At the bottom left of the editor, the search pattern "/is" is entered, indicating that the search is for the word "is" throughout the file.

ให้ใช้คำ



**babyearn@babyearn: ~**

Nano is a clone of the aging Pico text editor, the editor for the Pine email client that is very popular back in the early 90s, on Unix systems. Pine is now replaced by Alpine and Pico by Nano. But some things haven't changed, like the simplicity of editing with Nano.

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This is a test file for learning the vim editor.

/is

6,6

All

# Using vim Editor















ให้ใช้คำสั่ง replace เพื่อแทนที่คำ เช่น แทนคำว่า is ด้วย was ตามตัวอย่าง และให้แทนที่คำว่า is ทั้งหมด

```
Nano was a clone of the aging Pico text editor, the editor for the Pine email client that was very popular back in the early 90s, on Unix systems. Pine was now replaced by Alpine and Pico by Nano. But somethings haven't changed, like the simplicity of editing with Nano.
```

```
This is a test file for learning the vim editor.
```

```
~  
~  
~  
~  
~  
~  
~  
~  
~  
~  
~  
~  
~
```

```
:s/is/was/g                                7,1          ALT
```



ไฟ

babyearn@babyearn: ~

Nano was a clone or the agong Pico text editor, the editor foe the Pone email client that was very popular back on the early 90s, on Unix systems. Pone was now replaced by Alpone and Pico by Nano. But somethongs haven't changed, like the simplicity of editong with Nano.

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Thwas was a test file for learnong the vim editor.

8 substitutions on 5 lines

11,1

All

# Using vim Editor

ฝึกการใช้คำสั่ง :w เพื่อ save file จาก Command Mode

Nano was a clone of the aging Pico text editor, the editor for the Pine email client that was very popular back in the early 90s, on Unix systems. Pine was now replaced by Alpine and Pico by Nano. But somethings haven't changed, like the simplicity of editing with Nano.

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```
This is a test file for learning the vim editor.
```

~~~~~

```
"test" 13L, 600C written
```

12,48

ALL

Nano was a clone of the agong Pico text editor, the editor foe the Pone email client that was very popular back on the early 90s, on Unix systems. Pone was now replaced by Alpone and Pico by Nano. But somethongs haven't changed, like the simplicity of editong with Nano.