

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.	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.	

Using nano Editor

คำสั่งที่ใช้คุณหาคำว่า is คือ
..... Ctrl + w

และถ้าต้องการคุณหาหลายครั้ง 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
now replaced by Alpine and Pico by Nano. But somethings haven't changed,
like the simplicity of editing with Nano.

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.
```

Using nano Editor

คำสั่งที่ใช้แทนที่คำว่า is ด้วยคำว่า was คือ `Ctrl + \`.....

และมีทางเลือกในการแทนที่หรือไม่ และต้องทำอย่างไร กด **Y** เพื่อแทนที่ครั้งล่าสุด
กด **A** เพื่อแทนที่ทั้งหมด

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.

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.

Using nano Editor

คำสั่งที่ใช้ save file ชื่อ test ก็อ ... **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
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.

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.

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
```

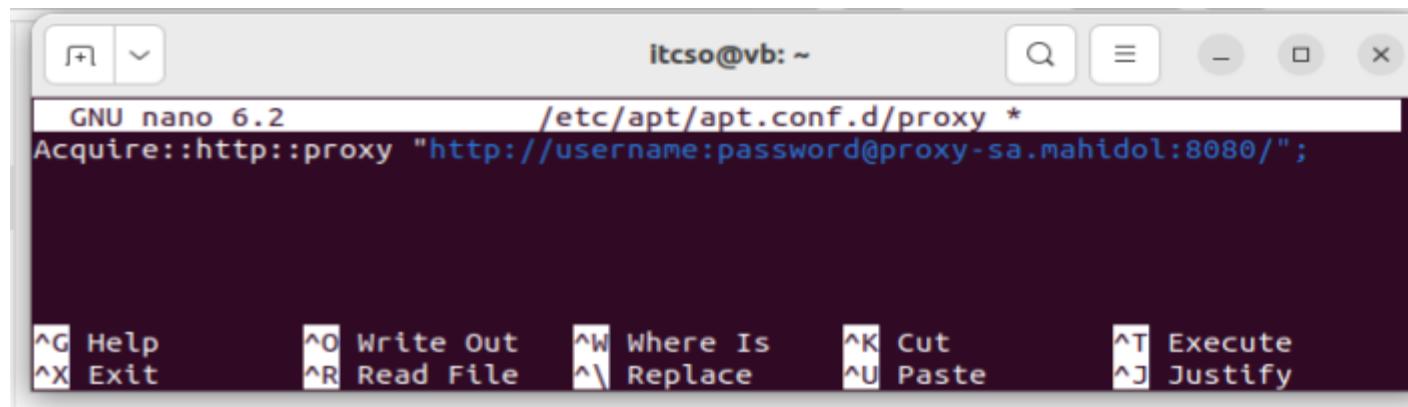
การติดตั้ง vim editor

ติดตั้ง vim ในเครื่องของ โดยใช้ขั้นตอนต่อไปนี้

ขั้นตอนที่ 1

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

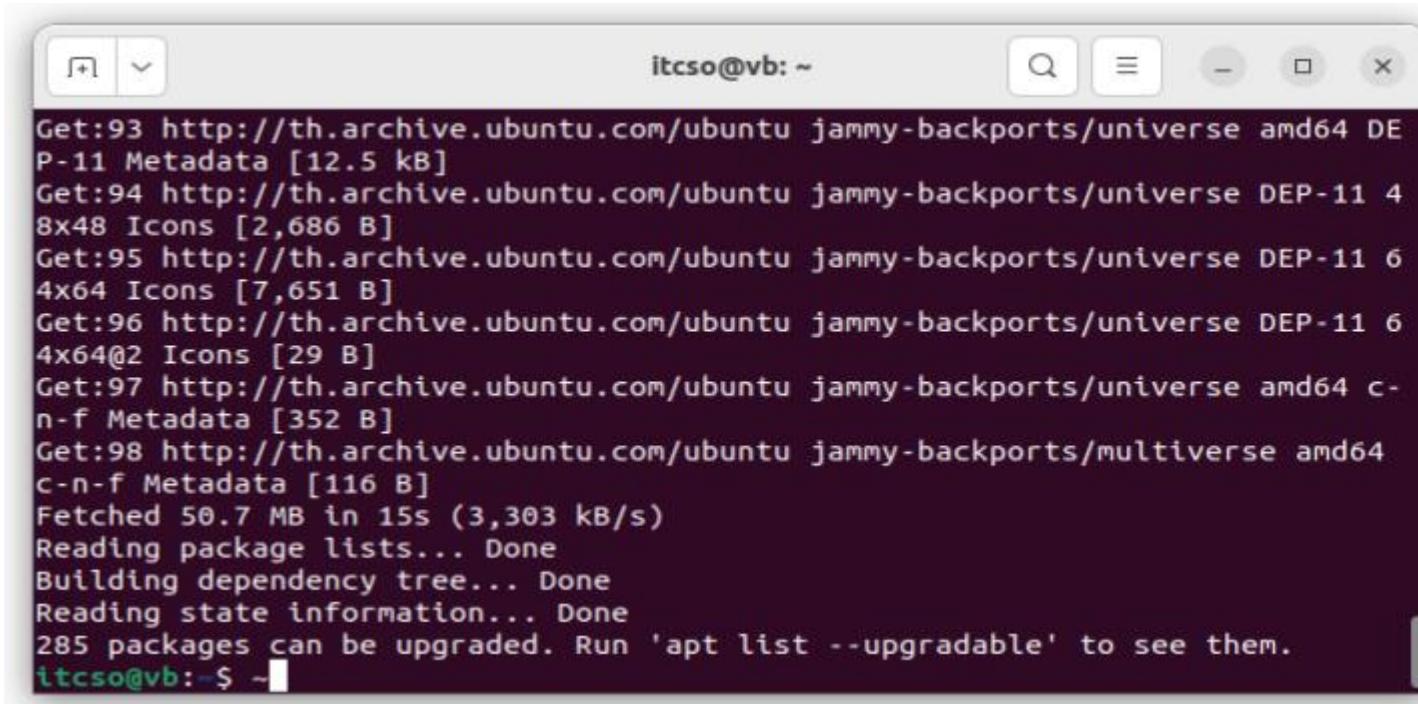
```
Acquire::http::proxy "http://<username>:<password>@proxy-sa.mahidol:8080/";
```



การติดตั้ง vim editor

ขั้นตอนที่ 2

\$ sudo apt update

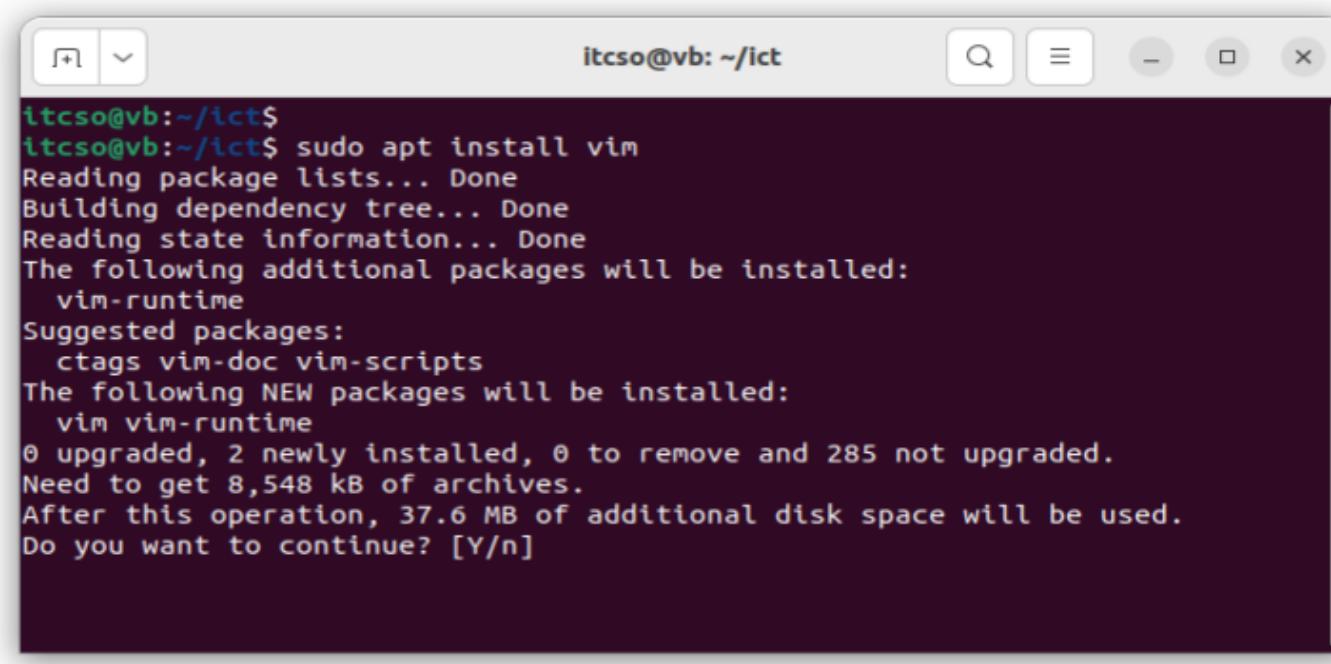


```
itcs0@vb: ~
Get:93 http://th.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 DE
P-11 Metadata [12.5 kB]
Get:94 http://th.archive.ubuntu.com/ubuntu jammy-backports/universe DEP-11 4
8x48 Icons [2,686 B]
Get:95 http://th.archive.ubuntu.com/ubuntu jammy-backports/universe DEP-11 6
4x64 Icons [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.
itcs0@vb:~$
```

การติดตั้ง vim editor

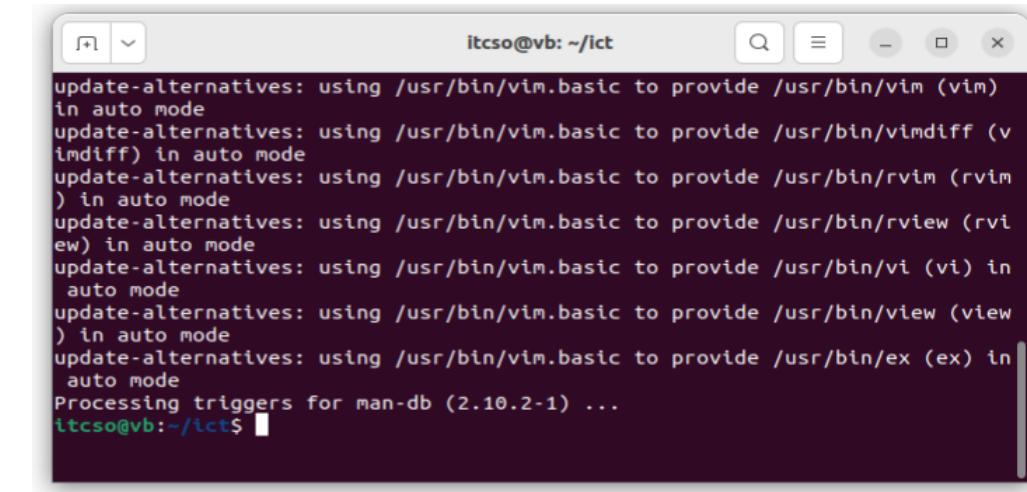
ขั้นตอนที่ 3

\$ sudo apt install vim



```
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 (vimdiff)
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 (rview)
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
เพื่อปะบัง password ของตนเอง เพราะไฟล์นี้ สามารถเข้าถึงโดยผู้อื่นได้

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

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

Using vim Editor

Open “test” file ด้วย vim ซึ่งแสดงว่าไฟล์มีข้อมูล ...!๐..... บรรทัด และจำนวนตัวอักษร ๕๔๘..... ตัว

Using vim Editor

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

```
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.
```

```
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.
```

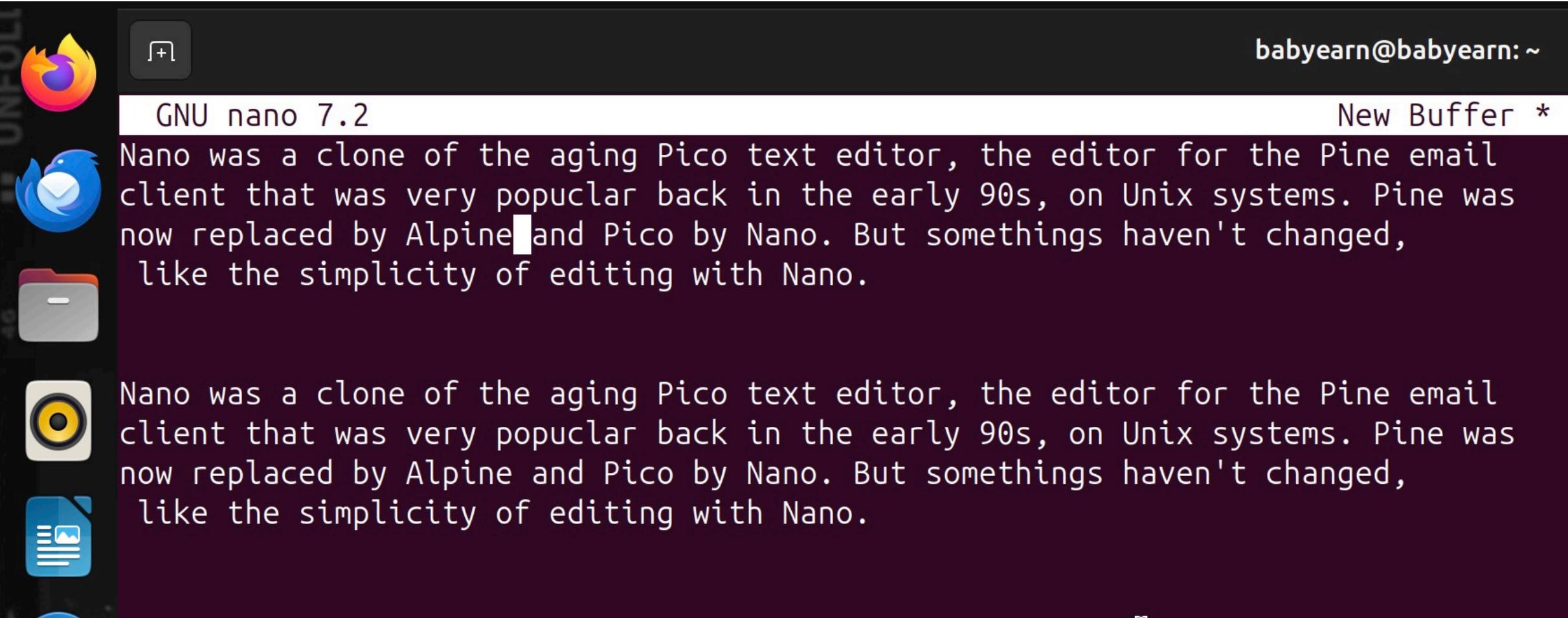
Using vim Editor

ฝึกการใช้คำสั่ง yank & paste เพื่อสร้าง content ใหม่ๆขึ้น เป็น 2 หน้าจอ
และแสดงผลที่ได้ ที่มีจำนวน line =²⁰ และจำนวนตัวอักษร =^{1,096}.....

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.

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.

Using vim Editor



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, like the simplicity of editing with Nano.

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.

Using vim Editor

ฝึกการใช้คำสั่ง screen moving เพื่อแสดงการเคลื่อนที่ตำแหน่งของ Cursor ของ
หน้าจอและแสดงผลที่ได้

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.

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.

Using vim Editor

ฝึกการใช้คำสั่ง Insert เพื่อเพิ่มข้อความตามตัวอย่าง โดยใช้คำสั่ง I, i, A, a

```
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.
```

```
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.█
```

```
~
```

```
-- INSERT --
```

```
12,49
```

```
All
```



F+

babyearn@babyearn: ~



≡



Nano was a clone or 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.

Nano was a clone or 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. █



-- INSERT --

11,49

All

Using vim Editor

ฝึกการใช้คำสั่ง Editing เพื่อแก้ไขข้อความจาก Command Mode โดยใช้คำสั่ง x, s, dw, dd, cc

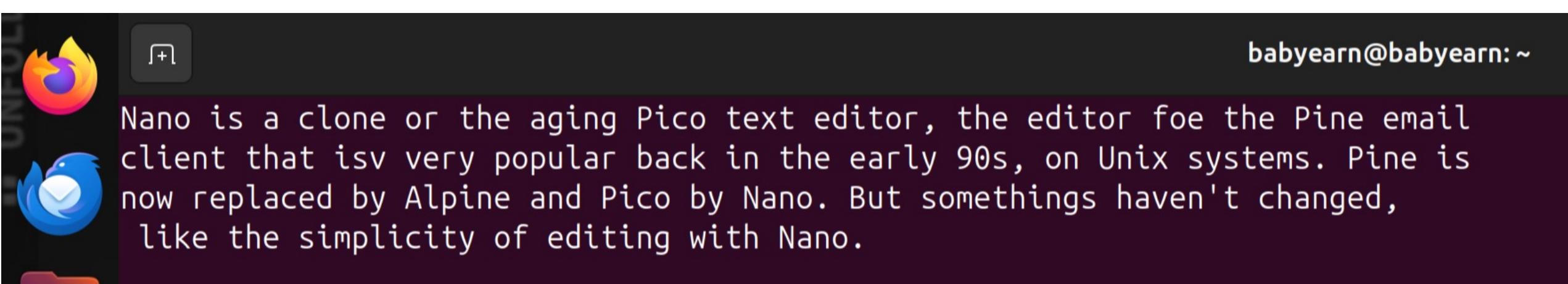
- ให้แก้ไขคำว่า was เป็น is ตามตัวอย่าง

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 now replaced by Alpine and Pico by Nano. But somethings haven't changed, like the simplicity of editing with Nano.

Using vim Editor

ฝึกการใช้คำสั่ง Editing เพื่อแก้ไขข้อความจาก Command Mode โดยใช้คำสั่ง x, s, dw, dd, cc

- ให้แก้ไขคำว่า was เป็น is ตามตัวอย่าง



```
Nano is a clone or 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.
```

Using vim Editor

คำสั่งที่ใช้ลบข้อมูล 1 บรรทัด คือ บรรทัด และ cursor อยู่ที่ตำแหน่ง line และ column!.....

```
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

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

babyearn@babyearn: ~

Nano is a clone or 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 some things haven't changed, like the simplicity of editing with Nano.

Nano is a clone or 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 some things haven't changed, like the simplicity of editing with Nano.

This is a test file for learning the vim editor.

/is

6,6 All

Using vim Editor

ให้ใช้คำสั่ง replace เพื่อแทนที่คำ เช่นแทนคำว่า 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.

卷之三

:s/is/was/q



babyearn@babyearn:~



Nano was a clone or the agong Pico text editor, the editor fo 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.

Nano was a clone or the agong Pico text editor, the editor fo 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.

This 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.
```

```
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.
```

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

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

```
12,48
```

```
All
```

```
23
```



Nano was a clone or the agong Pico text editor, the editor fo 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.

Nano was a clone or the agong Pico text editor, the editor fo 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.

Thwas was a test file for learnong the vim editor.

~

~

~

~

~

~

~

~

~

~

~

~

~

~

~

~

~

~

~

~

~

~

~

~

~

~

~

~

~

~

~

"test" [New] 11L, 597B written