

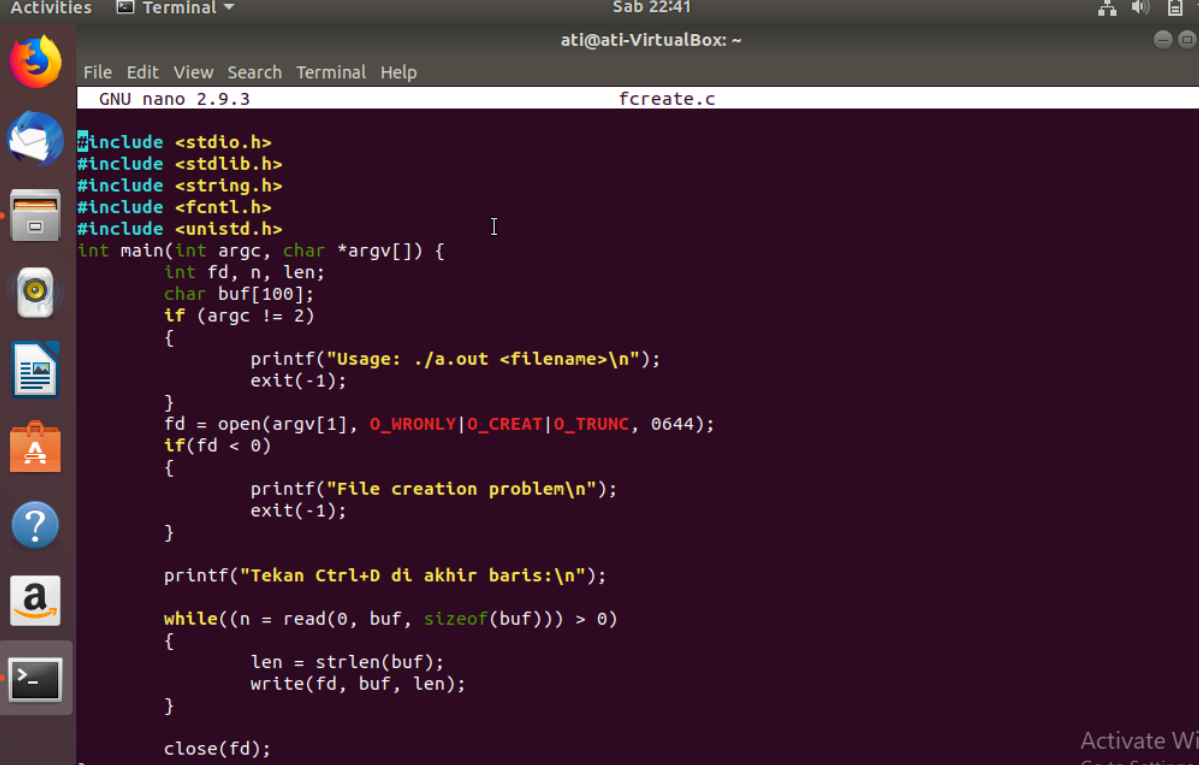
NAMA : SRI HAJIATI

NIM : L200170103

KELAS : E

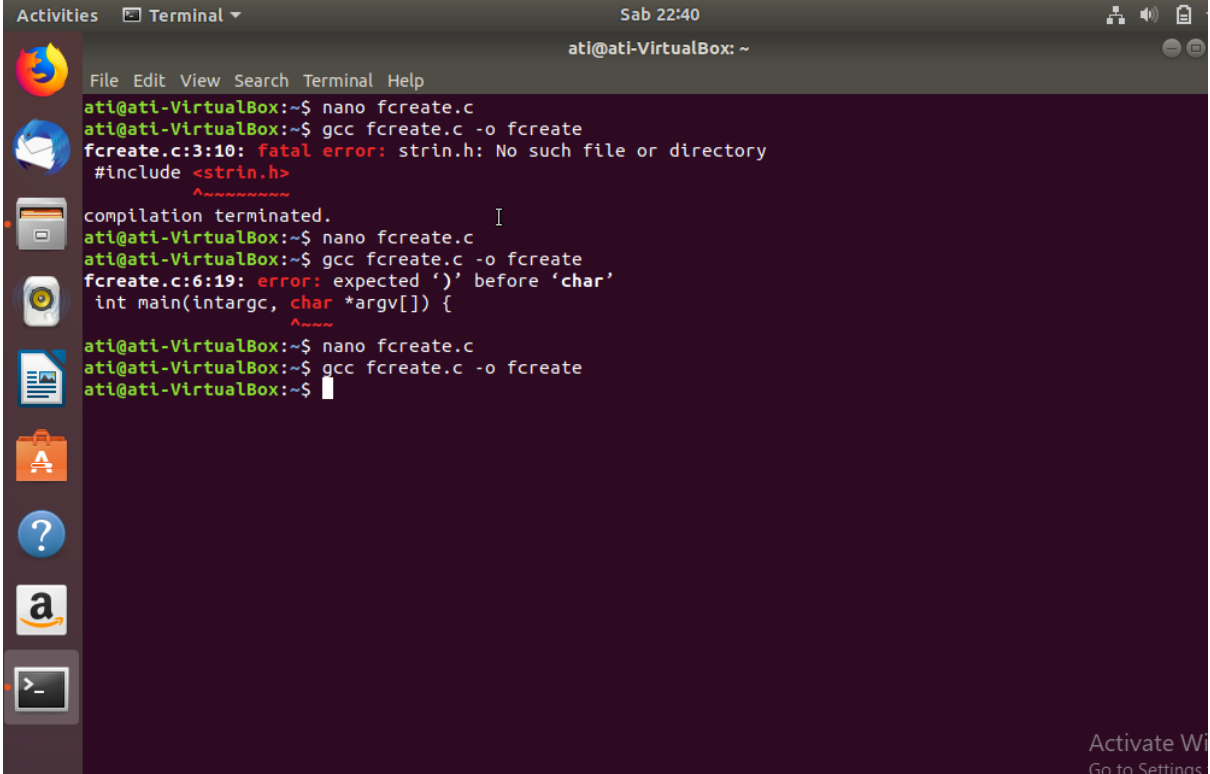
1. fcreat.c

**Codenya**



```
GNU nano 2.9.3 fcreat.c
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <fcntl.h>
#include <unistd.h>
int main(int argc, char *argv[]) {
    int fd, n, len;
    char buf[100];
    if (argc != 2)
    {
        printf("Usage: ./a.out <filename>\n");
        exit(-1);
    }
    fd = open(argv[1], O_WRONLY|O_CREAT|O_TRUNC, 0644);
    if (fd < 0)
    {
        printf("File creation problem\n");
        exit(-1);
    }
    printf("Tekan Ctrl+D di akhir baris:\n");
    while((n = read(0, buf, sizeof(buf))) > 0)
    {
        len = strlen(buf);
        write(fd, buf, len);
    }
    close(fd);
}
```

## Cara Mengecek kesalahan

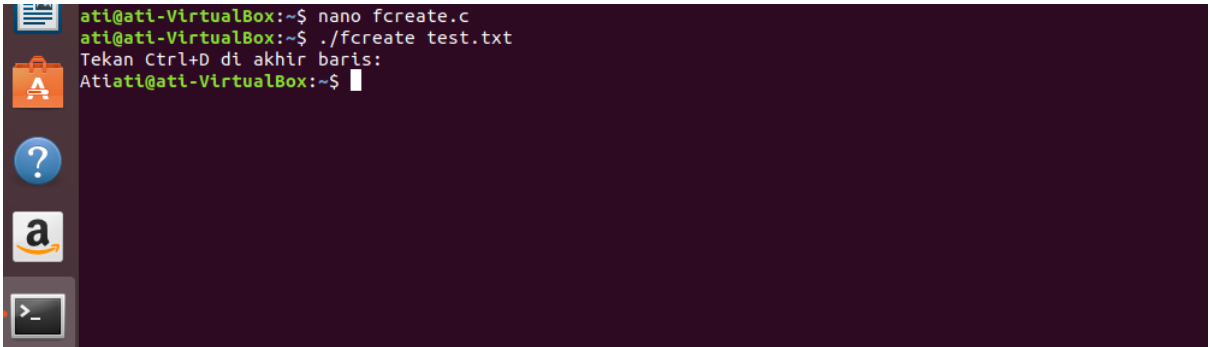


The screenshot shows a terminal window titled "Terminal" with the user "ati" at the prompt "ati@ati-VirtualBox: ~". The user has entered the following commands and received the following output:

```
ati@ati-VirtualBox:~$ nano fcreate.c
ati@ati-VirtualBox:~$ gcc fcreate.c -o fcreate
fcreate.c:3:10: fatal error: strin.h: No such file or directory
#include <strin.h>
          ^~~~~~
compilation terminated.
ati@ati-VirtualBox:~$ nano fcreate.c
ati@ati-VirtualBox:~$ gcc fcreate.c -o fcreate
fcreate.c:6:19: error: expected ')' before 'char'
int main(intargc, char *argv[]) {
                  ^
ati@ati-VirtualBox:~$ nano fcreate.c
ati@ati-VirtualBox:~$ gcc fcreate.c -o fcreate
ati@ati-VirtualBox:~$
```

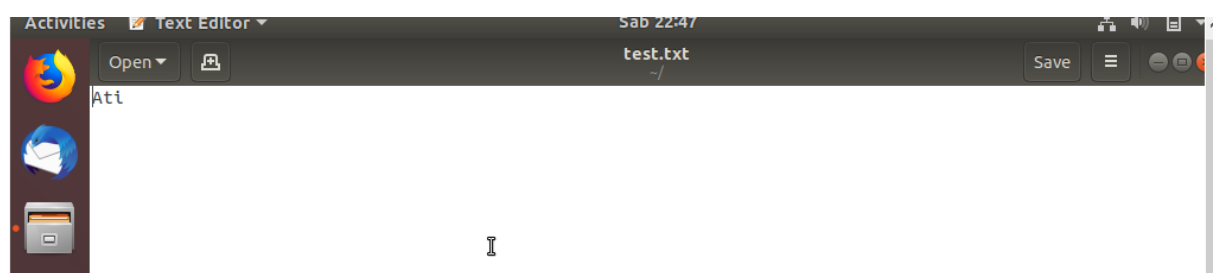
Ketik `./fcreat test.txt`

Untuk menulis file baru lalu cek pada document anda jika benar maka akan ada nama file yang anda buat tadi. Yaitu file nya bernama Ati. Hasil seperti gambar dibawah ini.



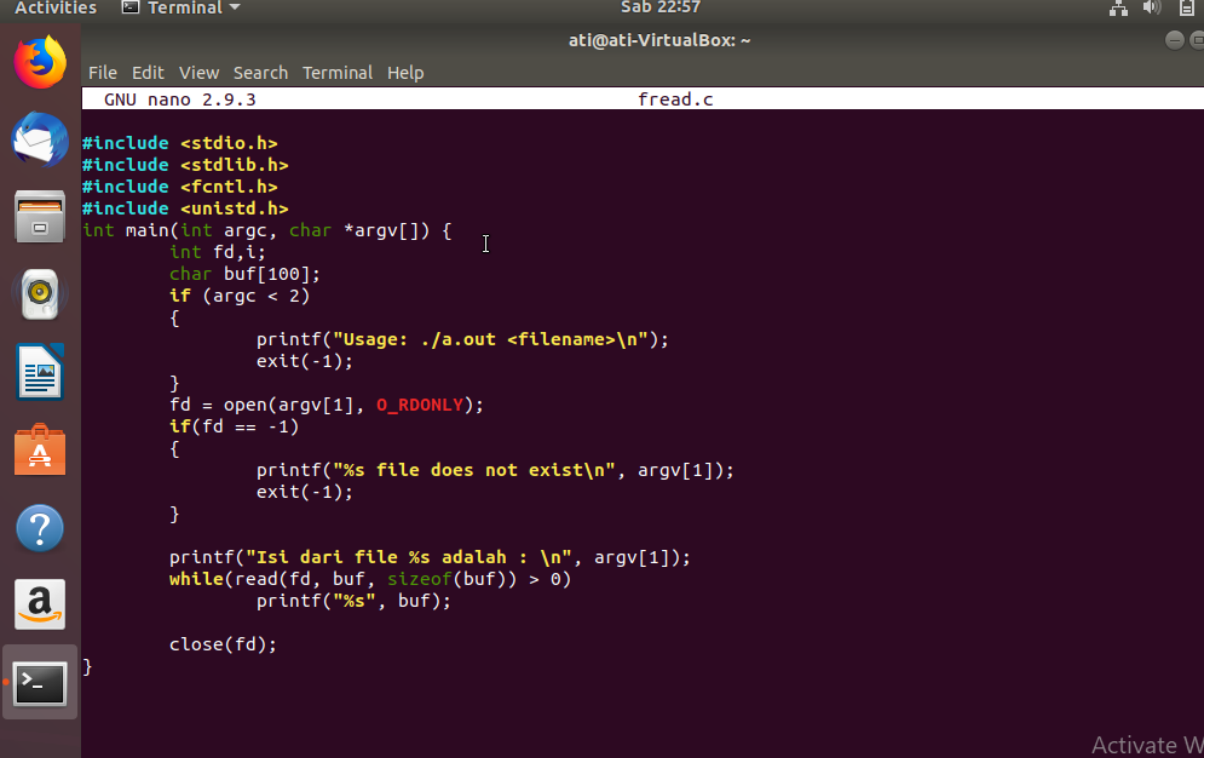
The screenshot shows a terminal window with the user "ati" at the prompt "ati@ati-VirtualBox:~". The user has entered the following commands and received the following output:

```
ati@ati-VirtualBox:~$ nano fcreate.c
ati@ati-VirtualBox:~$ ./fcreate test.txt
Tekan Ctrl+D di akhir baris:
Atiati@ati-VirtualBox:~$
```



## 2.fread.c

### Code



The screenshot shows a terminal window titled 'Terminal' with the user 'ati' at 'ati-VirtualBox'. The terminal is running the GNU nano 2.9.3 editor, editing a file named 'fread.c'. The code in the file is as follows:

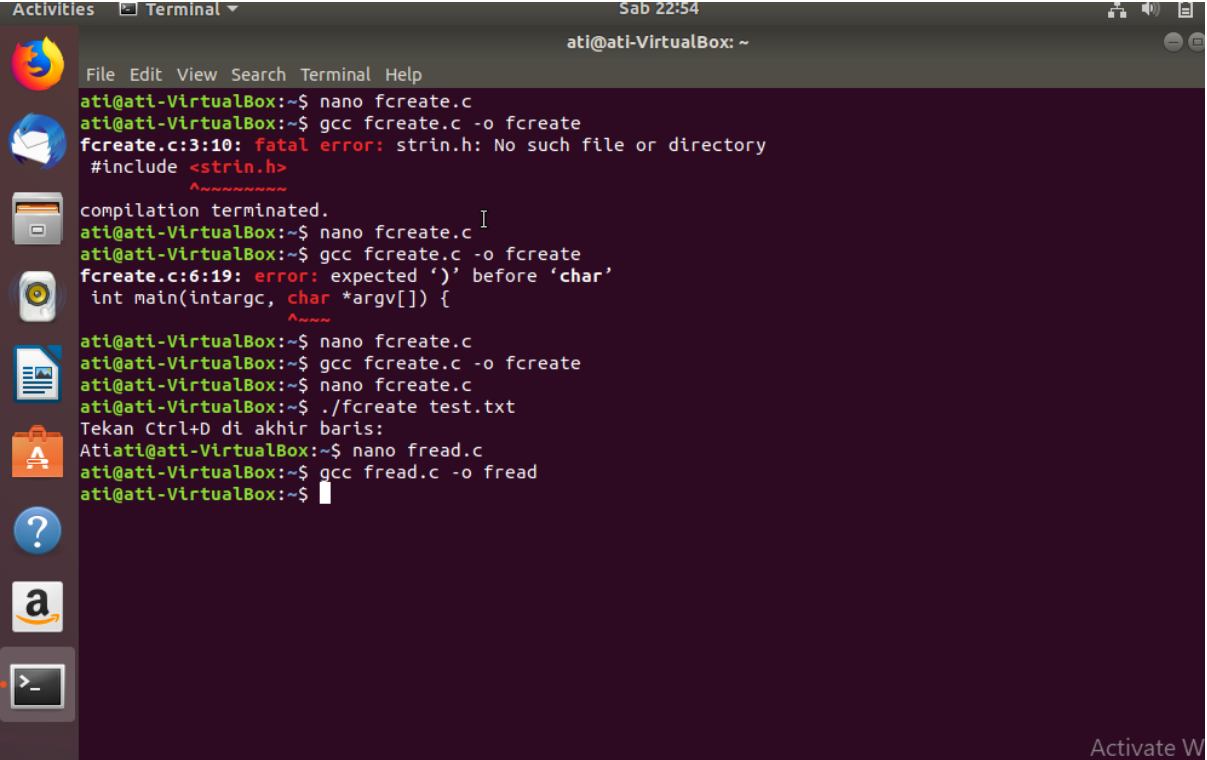
```
#include <stdio.h>
#include <stdlib.h>
#include <fcntl.h>
#include <unistd.h>
int main(int argc, char *argv[]) {
    int fd,i;
    char buf[100];
    if (argc < 2)
    {
        printf("Usage: ./a.out <filename>\n");
        exit(-1);
    }
    fd = open(argv[1], O_RDONLY);
    if(fd == -1)
    {
        printf("%s file does not exist\n", argv[1]);
        exit(-1);
    }

    printf("Isi dari file %s adalah : \n", argv[1]);
    while(read(fd, buf, sizeof(buf)) > 0)
        printf("%s", buf);

    close(fd);
}
```

The terminal window has a sidebar with various application icons on the left. The bottom right corner of the window has a watermark that says 'Activate W'.

### Cara mengecek Kesalahan



The screenshot shows a terminal window titled 'Terminal' with the user 'ati' at 'ati-VirtualBox'. The terminal shows the following sequence of commands and output:

```
ati@ati-VirtualBox:~$ nano fcreate.c
ati@ati-VirtualBox:~$ gcc fcreate.c -o fcreate
fcreate.c:3:10: fatal error: strin.h: No such file or directory
#include <strin.h>
          ^~~~~~
compilation terminated.
ati@ati-VirtualBox:~$ nano fcreate.c
ati@ati-VirtualBox:~$ gcc fcreate.c -o fcreate
fcreate.c:6:19: error: expected ')' before 'char'
int main(intargc, char *argv[]) {
                  ^
ati@ati-VirtualBox:~$ nano fcreate.c
ati@ati-VirtualBox:~$ gcc fcreate.c -o fcreate
ati@ati-VirtualBox:~$ nano fcreate.c
ati@ati-VirtualBox:~$ ./fcreate test.txt
Tekan Ctrl+D di akhir baris:
Atiati@ati-VirtualBox:~$ nano fread.c
ati@ati-VirtualBox:~$ gcc fread.c -o fread
ati@ati-VirtualBox:~$
```

The terminal window has a sidebar with various application icons on the left. The bottom right corner of the window has a watermark that says 'Activate W'.

Ketik `./freadtest.txt`. fungsinya untuk membaca file

```
ati@ati-VirtualBox:~$ gcc fread.c -o fread
ati@ati-VirtualBox:~$ ./fread test.txt
Isi dari file test.txt adalah :
Atiati@ati-VirtualBox:~$
```

### 3.fappen.c

#### Code

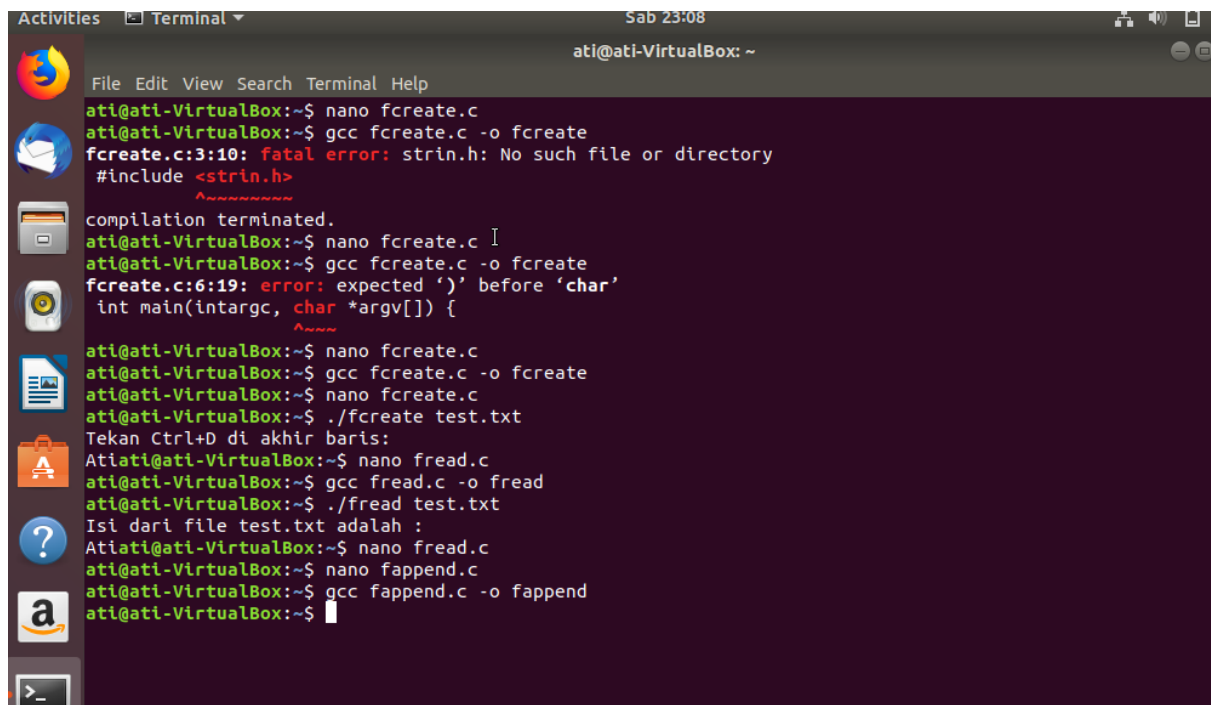
```
GNU nano 2.9.3 fread.c

#include <stdio.h>
#include <stdlib.h>
#include <fcntl.h>
#include <unistd.h>
int main(int argc, char *argv[]) {
    int fd,i;
    char buf[100];
    if (argc < 2)
    {
        printf("Usage: ./a.out <filename>\n");
        exit(-1);
    }
    fd = open(argv[1], O_RDONLY);
    if(fd == -1)
    {
        printf("%s file does not exist\n", argv[1]);
        exit(-1);
    }

    printf("Isi dari file %s adalah : \n", argv[1]);
    while(read(fd, buf, sizeof(buf)) > 0)
        printf("%s", buf);

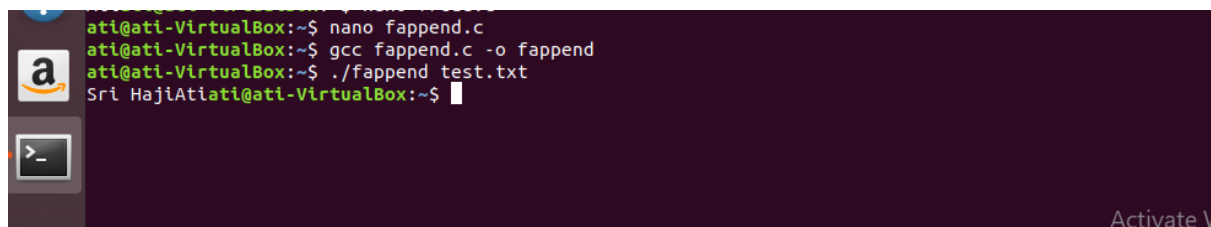
    close(fd);
}
```

## Cara mengecek kesalahan



```
Activities Terminal Sab 23:08
atl@ati-VirtualBox: ~
File Edit View Search Terminal Help
atl@ati-VirtualBox:~$ nano fcreate.c
atl@ati-VirtualBox:~$ gcc fcreate.c -o fcreate
fcreate.c:3:10: fatal error: strin.h: No such file or directory
#include <strin.h>
          ^~~~~~
compilation terminated.
atl@ati-VirtualBox:~$ nano fcreate.c
atl@ati-VirtualBox:~$ gcc fcreate.c -o fcreate
fcreate.c:6:19: error: expected ')' before 'char'
int main(intargc, char *argv[]) {
                  ^
atl@ati-VirtualBox:~$ nano fcreate.c
atl@ati-VirtualBox:~$ gcc fcreate.c -o fcreate
atl@ati-VirtualBox:~$ nano fcreate.c
atl@ati-VirtualBox:~$ ./fcreate test.txt
Tekan Ctrl+D di akhir baris:
Atiati@ati-VirtualBox:~$ nano fread.c
atl@ati-VirtualBox:~$ gcc fread.c -o fread
atl@ati-VirtualBox:~$ ./fread test.txt
Isi dari file test.txt adalah :
Atiati@ati-VirtualBox:~$ nano fread.c
atl@ati-VirtualBox:~$ nano fappend.c
atl@ati-VirtualBox:~$ gcc fappend.c -o fappend
atl@ati-VirtualBox:~$
```

Ketik `./fappen test.txt`. disini kita bisa menambah isi file.disini saya menambahkan “Sri HajiAti” lalu tekan Ctrl+D maka hasi akan muncul seperti gambar dibawah ini



```
atl@ati-VirtualBox:~$ nano fappend.c
atl@ati-VirtualBox:~$ gcc fappend.c -o fappend
atl@ati-VirtualBox:~$ ./fappend test.txt
Sri HajiAtiati@ati-VirtualBox:~$
```