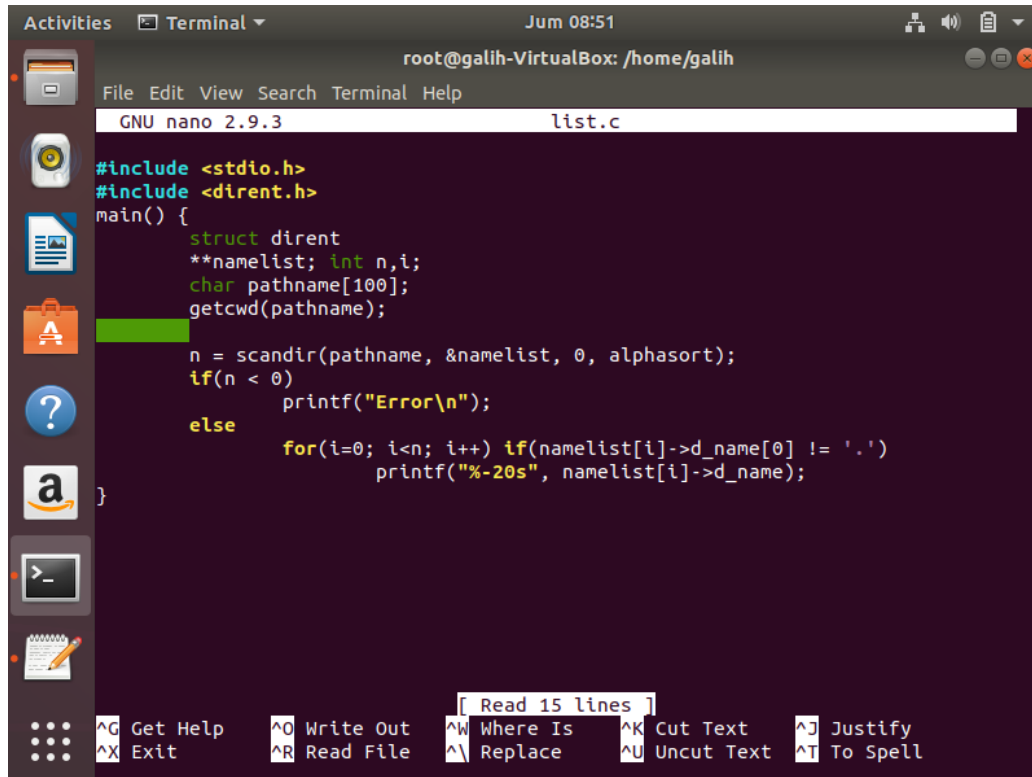


Nama : Galih Prayoga

NIM : L200180006

Modul 10

- List.c



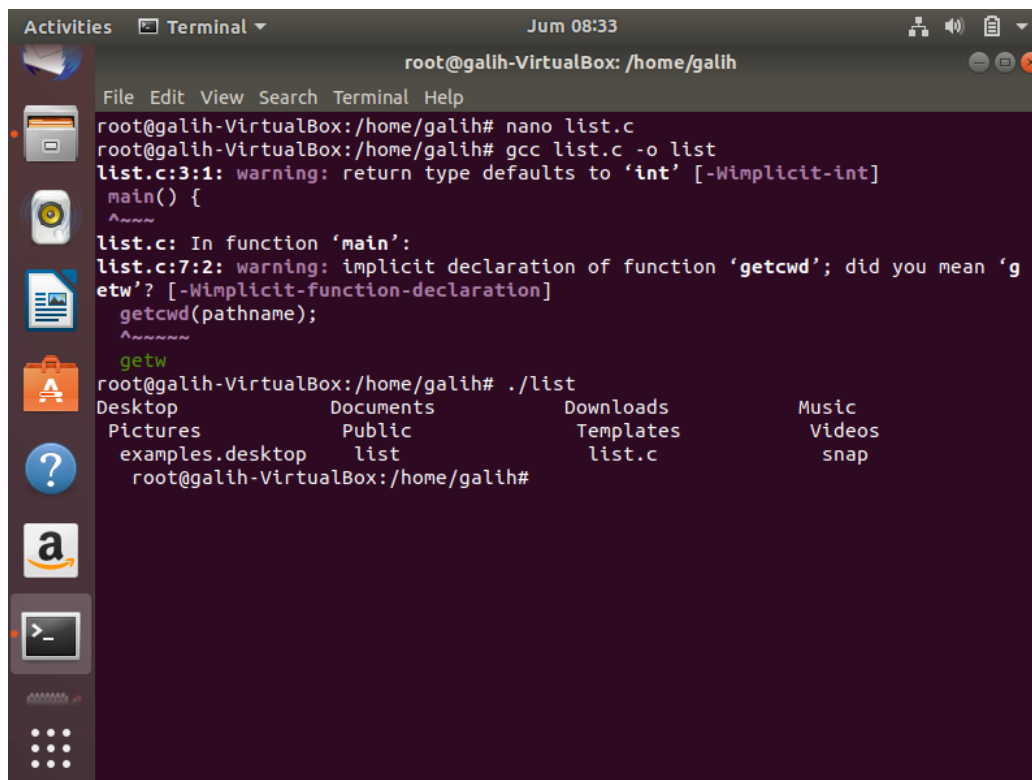
```
Activities Terminal Jum 08:51
root@galih-VirtualBox: /home/galih

File Edit View Search Terminal Help
GNU nano 2.9.3 list.c

#include <stdio.h>
#include <dirent.h>
main() {
    struct dirent
    **namelist; int n,i;
    char pathname[100];
    getcwd(pathname);

    n = scandir(pathname, &namelist, 0, alphasort);
    if(n < 0)
        printf("Error\n");
    else
        for(i=0; i<n; i++) if(namelist[i]->d_name[0] != '.')
            printf("%-20s", namelist[i]->d_name);
}

^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify
^X Exit ^R Read File ^\ Replace ^U Uncut Text ^T To Spell
```



```
Activities Terminal Jum 08:33
root@galih-VirtualBox: /home/galih

File Edit View Search Terminal Help
root@galih-VirtualBox:/home/galih# nano list.c
root@galih-VirtualBox:/home/galih# gcc list.c -o list
list.c:3:1: warning: return type defaults to 'int' [-Wimplicit-int]
main() {
~~~~~
list.c: In function 'main':
list.c:7:2: warning: implicit declaration of function 'getcwd'; did you mean 'getw'? [-Wimplicit-function-declaration]
    getcwd(pathname);
    ~~~~~
    getw
root@galih-VirtualBox:/home/galih# ./list
Desktop          Documents        Downloads        Music
Pictures         Public          Templates       Videos
examples.desktop list             list.c          snap
root@galih-VirtualBox:/home/galih#
```

- Mygrep.c

```

root@galih-VirtualBox: /home/galih
File Edit View Search Terminal Help
GNU nano 2.9.3 mygrep.c

#include <stdio.h>
#include <string.h>
#include <stdlib.h>
main(int argc, char *argv[]) {
    FILE *fd;
    char str[100];
    char c;
    int i, flag, j, m, k;
    char temp[30];

    if (argc != 3)
    {
        printf("Usage: gcc mygrep.c -o mygrep\n");
        printf("Usage: ./mygrep <search_text> <filename>\n");
        exit(-1);
    }

    fd = fopen(argv[2], "r");
    if(fd == NULL)
    {
        printf("%s is not exist\n",argv[2]);
        exit(-1);
    }

    [ Read 55 lines ]
    ^G Get Help    ^O Write Out    ^W Where Is    ^K Cut Text    ^J Justify
    ^X Exit        ^R Read File    ^\ Replace     ^U Uncut Text  ^T To Spell
  
```

```

root@galih-VirtualBox: /home/galih
File Edit View Search Terminal Help
root@galih-VirtualBox:/home/galih# nano mygrep.c
root@galih-VirtualBox:/home/galih# gcc mygrep.c -o mygrep
mygrep.c:4:1: warning: return type defaults to 'int' [-Wimplicit-int]
main(int argc, char *argv[]) {
^~~~~
root@galih-VirtualBox:/home/galih# ./mygrep
Usage: gcc mygrep.c -o mygrep
Usage: ./mygrep <search_text> <filename>
root@galih-VirtualBox:/home/galih# ./mygrep break mygrep.c
str[i++] = '\0'; break;
str[i++] = '\0'; break;
break;
root@galih-VirtualBox:/home/galih#
  
```

- Copy.c

```

root@galih-VirtualBox: /home/galih
GNU nano 2.9.3 copy.c
#include <stdio.h>
#include <stdlib.h>
#include <fcntl.h>
#include <sys/stat.h>
#define SIZE 1024
main(int argc, char *argv[]){
    int src, dst, nread;
    char buf[SIZE];
    if (argc != 3)
    {
        printf("Usage: gcc copy.c -o copy\n");
        printf("Usage: ./copy <filename> <newfile> \n");
        exit(-1);
    }
    if ((src = open(argv[1], O_RDONLY)) == -1)
    {
        perror(argv[1]);
        exit(-1);
    }
    if ((dst = creat(argv[2], 0644)) == -1)
    {
        perror(argv[1]);
        exit(-1);
    }
    while ((nread = read(src, buf, SIZE)) > 0)
    {
        if (write(dst, buf, nread) == -1)
        {
            printf("can't write\n");
            exit(-1);
        }
    }
    close(src);
    close(dst);
}

[ Read 35 lines ]
^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify
^X Exit ^R Read File ^L Replace ^U Uncut Text ^T To Spell

root@galih-VirtualBox: /home/galih
root@galih-VirtualBox:/home/galih# nano copy.c
root@galih-VirtualBox:/home/galih# gcc copy.c -o copy
copy.c:6:1: warning: return type defaults to 'int' [-Wimplicit-int]
main(int argc, char *argv[]){
^~~~~~
copy.c: In function 'main':
copy.c:25:18: warning: implicit declaration of function 'read'; did you mean 'f
read'? [-Wimplicit-function-declaration]
    while ((nread = read(src, buf, SIZE)) > 0)
                   ^~~~~~
                           fread
copy.c:27:7: warning: implicit declaration of function 'write'; did you mean 'f
write'? [-Wimplicit-function-declaration]
    if (write(dst, buf, nread) == -1)
        ^~~~~~
                fwrite
copy.c:33:2: warning: implicit declaration of function 'close'; did you mean 'p
close'? [-Wimplicit-function-declaration]
    close(src);
    ^~~~~~
            pclose
root@galih-VirtualBox:/home/galih# ./copy copy.c copy2.c
root@galih-VirtualBox:/home/galih#

```

- Del.c

```

root@galih-VirtualBox: /home/galih
GNU nano 2.9.3 del.c

#include <stdio.h>
#include <stdlib.h>
#include <fcntl.h>
main(int argc, char* argv[]) {
    int fd;
    if (argc != 2)
    {
        printf("Usage: gcc del.c -o del\n");
        printf("Usage: ./del <filename>\n");
        exit(-1);
    }
    fd = open(argv[1], O_RDONLY);
    if (fd != -1)
    {
        close(fd);
        unlink(argv[1]);
    } else
        perror(argv[1]);
}

^G Get Help  ^O Write Out  ^W Where Is  ^K Cut Text  ^J Justify
^X Exit      ^R Read File  ^\ Replace   ^U Uncut Text ^T To Spell
[ Read 19 lines ]

```

```

root@galih-VirtualBox: /home/galih
root@galih-VirtualBox:/home/galih# nano del.c
root@galih-VirtualBox:/home/galih# gcc del.c -o del
del.c:4:1: warning: return type defaults to 'int' [-Wimplicit-int]
main(int argc, char* argv[]) {
^~~~~~
del.c: In function 'main':
del.c:15:3: warning: implicit declaration of function 'close'; did you mean 'pclose'? [-Wimplicit-function-declaration]
    close(fd);
    ^~~~~~
pclose
del.c:16:3: warning: implicit declaration of function 'unlink'; did you mean 'unix'? [-Wimplicit-function-declaration]
    unlink(argv[1]);
    ^~~~~~
unix
root@galih-VirtualBox:/home/galih# ./del copy2.c
root@galih-VirtualBox:/home/galih#

```