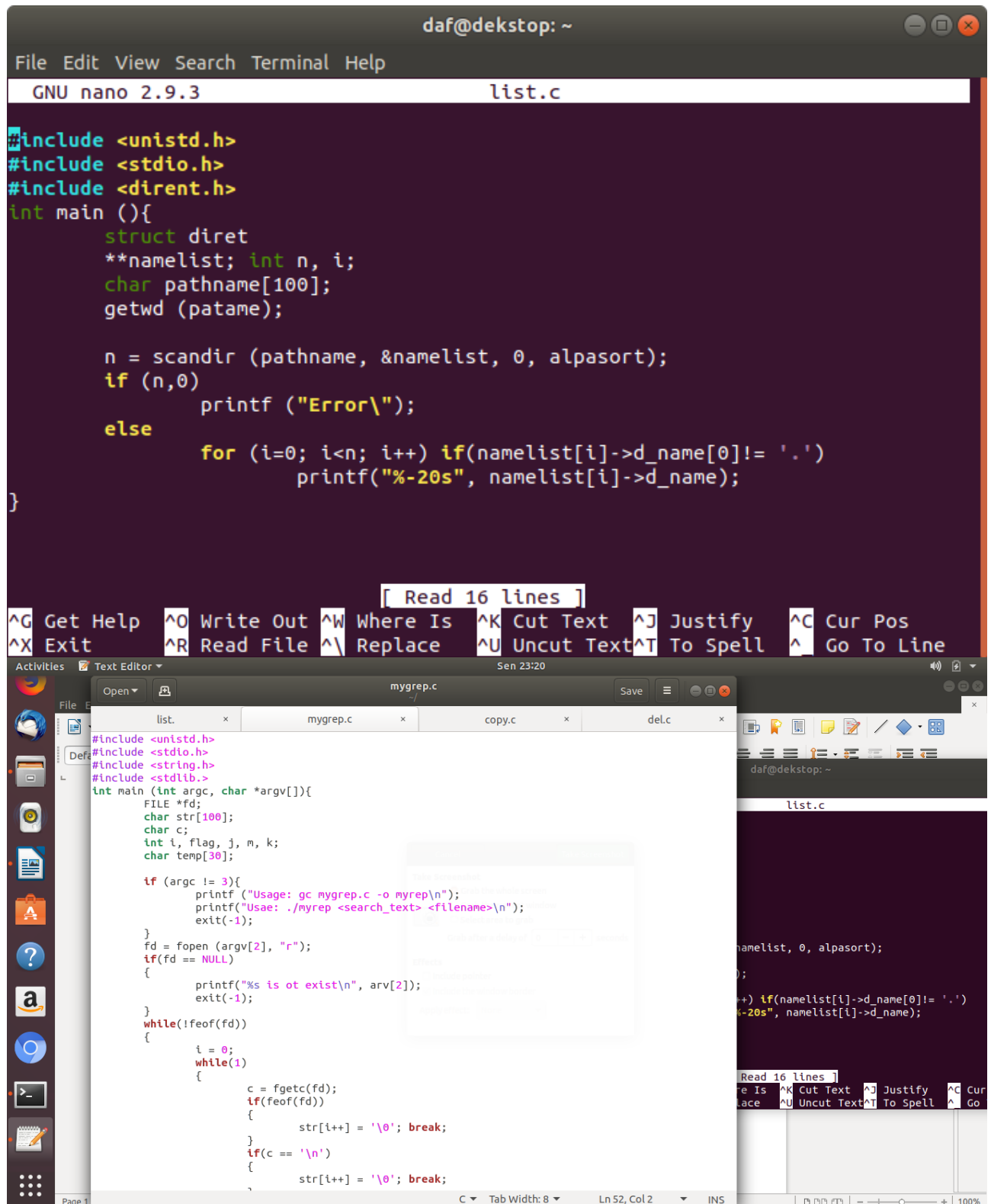


Nama : Hanifah Elvira Sukma Dewi  
NIM :L200180124

## MODUL 10



```
daf@dekstop: ~  
File Edit View Search Terminal Help  
GNU nano 2.9.3 list.c  
  
#include <unistd.h>  
#include <stdio.h>  
#include <dirent.h>  
int main () {  
    struct dirent  
    **namelist; int n, i;  
    char pathname[100];  
    getwd (patame);  
  
    n = scandir (pathname, &namelist, 0, alphasort);  
    if (n,0)  
        printf ("Error\\");  
    else  
        for (i=0; i<n; i++) if(namelist[i]->d_name[0] != '.')  
            printf("%-20s", namelist[i]->d_name);  
}
```

Read 16 lines

Get Help Write Out Where Is Cut Text Justify Cur Pos  
Exit Read File Replace Uncut Text To Spell Go To Line

```
mygrep.c  
#include <unistd.h>  
#include <stdio.h>  
#include <string.h>  
#include <stdlib.h>  
int 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: gc mygrep.c -o myrep\\n");  
        printf ("Usae: ./myrep <search_text> <filename>\\n");  
        exit(-1);  
    }  
    fd = fopen (argv[2], "r");  
    if (fd == NULL)  
    {  
        printf ("%s is not exist\\n", arv[2]);  
        exit(-1);  
    }  
    while (!feof (fd))  
    {  
        i = 0;  
        while (1)  
        {  
            c = fgetc (fd);  
            if (feof (fd))  
            {  
                str[i++] = '\\0'; break;  
            }  
            if (c == '\\n')  
            {  
                str[i++] = '\\0'; break;  
            }  
        }  
    }  
}
```

Page 1 Tab Width: 8 Ln 52, Col 2 INS 100%

Activities Text Editor Sen 23:20

Open mygrep.c Save

list. x mygrep.c x copy.c x del.c x

```
if (fd == NULL)
{
    printf("%s is not exist\n", argv[2]);
    exit(-1);
}
while(!feof(fd))
{
    i = 0;
    while(1)
    {
        c = fgetc(fd);
        if (feof(fd))
        {
            str[i++] = '\0'; break;
        }
        if (c == '\n')
        {
            str[i++] = '\0'; break;
        }
        str[i++] = c;
    }
    if (strlen(str) >= strlen(argv[1]))
    {
        for(k=0; k<strlen(str)-strlen(argv[1]); k++)
        {
            for(m=0; m<strlen(argv[1]);m++)
            {
                temp[m] = str[k+m];
                temp[m] = '\0';
                if (strcmp(temp, argv[1]) == 0)
                {
                    printf("%s\n", str);
                    break;
                }
            }
        }
    }
}
```

Page 1 C Tab Width: 8 Ln 52, Col 2 INS

list.c

```
namelist, 0, alphasort);
);
++) if (namelist[i]->d_name[0] != '.')
k-20s", namelist[i]->d_name);
```

Read 16 lines

Is Cut Text Justify Cur  
ace Uncut Text To Spell Go

Activities Text Editor Sen 23:20

Open copy.c Save

list. x mygrep.c x copy.c x del.c x

```
#include <unistd.h>
#include <stdio.h>
#include <stdlib.h>
#include <fcntl.h>
#include <sys/stat.h>
#define SIZE 1024
int main (argc, char *argv[])
{
    int src, dst, nread;
    char buf [SIZE];
    if (argc != 3)
    {
        printf("Usage: gcc copy.c -o opy\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);
    }
    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");
        }
    }
}
```

Page 1 C Tab Width: 8 Ln 40, Col 9 INS

list.c

```
namelist, 0, alphasort);
);
++) if (namelist[i]->d_name[0] != '.')
k-20s", namelist[i]->d_name);
```

Read 16 lines

Is Cut Text Justify Cur  
ace Uncut Text To Spell Go

Activities Text Editor Sen 23:22

Open Save

list.c x mygrep.c x copy.c x del.c x

```
int main(int argc, char *argv[]) {
    int src, dst, nread;
    char buf [SIZE];
    if (argc != 3)
    {
        printf("Usage: gcc copy.c -o opy\n");
        printf("Usage: ./copy <filename> <newfile> \n");
        exit(-1);
    }
    if ((sr = open(argv[1], O_RDONLY)) == -1)
    {
        perror(argv[1]);
        exit(-1);
    }
    if ((dst = creat(argv[2], 0644)) == -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);
}
```

Page 1 C Tab Width: 8 Ln 39, Col 20 INS

daf@dekstop: ~

list.c

```
namelist, 0, alphasort);
);
++) if(namelist[i]->d_name[0] != '.')
k-20s", namelist[i]->d_name);
```

Read 16 lines

re Is Cut Text Justify Cur  
ace AU Uncut Text To Spell Go

Activities Terminal Sen 23:53

root@dekstop: /home/daf

File Edit View Search Terminal Help

```
root@dekstop: /home/daf# gcc list.c -o list
list.c: In function 'main':
list.c:8:2: warning: 'getwd' is deprecated [-Wdeprecated-declarations]
    getwd (patame);
    ^~~~~
In file included from list.c:1:0:
/usr/include/unistd.h:528:14: note: declared here
extern char *getwd (char *__buf)
               ^
list.c:8:9: error: 'patame' undeclared (first use in this function); did you mean 'pathname'?
    getwd (patame);
           ^~~~~~
           pathname
list.c:8:9: note: each undeclared identifier is reported only once for each function it appears in
list.c:10:39: error: 'alphasort' undeclared (first use in this function); did you mean 'alphasort'?
    n = scandir (pathname, &namelist, 0, alphasort);
                                         ^~~~~~
                                         alphasort
list.c:10:25: warning: passing argument 2 of 'scandir' from incompatible pointer type [-Wincompatible-pointer-types]
    n = scandir (pathname, &namelist, 0, alphasort);
                        ^
In file included from list.c:3:0:
/usr/include/dirent.h:255:12: note: expected 'struct dirent *** restrict' but argument is of type 'struct dirent ***'
extern int scandir (const char *__restrict __dir,
list.c:12:11: warning: missing terminating " character
    printf ("Error");
           ^
list.c:12:11: error: missing terminating " character
    printf ("Error");
           ^
list.c:13:2: error: expected expression before 'else'
    else
    ^
list.c:16:1: error: expected ';' before '}' token
}
```

```
Activities Terminal Sen 23:54 root@dekstop: /home/daf

File Edit View Search Terminal Help
list.c:10:1: error: expected ';' before '}' token
}
^
root@dekstop:/home/daf# gcc list.c -o list
list.c: In function 'main':
list.c:8:2: warning: 'getwd' is deprecated [-Wdeprecated-declarations]
    getwd (patame);
    ^~~~~
In file included from list.c:1:0:
/usr/include/unistd.h:528:14: note: declared here
extern char *getwd (char *__buf)
               ^
list.c:8:9: error: 'patame' undeclared (first use in this function); did you mean 'pathname'?
    getwd (patame);
          ^~~~~~
list.c:8:9: note: each undeclared identifier is reported only once for each function it appears in
list.c:10:39: error: 'alpasort' undeclared (first use in this function); did you mean 'alphasort'?
    n = scandir (pathname, &namelist, 0, alpasort);
                                      ^~~~~~
list.c:10:25: warning: passing argument 2 of 'scandir' from incompatible pointer type [-Wincompatible-pointer-types]
    n = scandir (pathname, &namelist, 0, alpasort);
                                ^
In file included from list.c:3:0:
/usr/include/dirent.h:255:12: note: expected 'struct dirent *** restrict' but argument is of type 'struct dirent ***'
extern int scandir (const char *__restrict __dir,
                  ^
list.c:12:11: warning: missing terminating " character
    printf ("Error\");
              ^
list.c:12:11: error: missing terminating " character
    printf ("Error\");
              ^
list.c:13:2: error: expected expression before 'else'
    else
    ^
list.c:16:1: error: expected ';' before '}' token
}
```

```
Activities Terminal Sen 23:54 root@dekstop: /home/daf

File Edit View Search Terminal Help
root@dekstop:/home/daf# gcc mygrep -o mygrep.c
gcc: error: mygrep: No such file or directory
gcc: fatal error: no input files
compilation terminated.
root@dekstop:/home/daf# ./list
bash: ./list: No such file or directory
root@dekstop:/home/daf# ./list.c
bash: ./list.c: Permission denied
root@dekstop:/home/daf# nano mygrep.c
root@dekstop:/home/daf# gcc mygrep. -o mygrep
gcc: error: mygrep.: No such file or directory
gcc: fatal error: no input files
compilation terminated.
root@dekstop:/home/daf# gcc copy.c -o copy
copy.c:6:2: error: invalid preprocessing directive #defie; did you mean #define?
#define SIZE 1024
^
copy.c:7:16: error: expected ')' before 'char'
int main (argc,char *argv[]){
               ^
copy.c:12:10: warning: missing terminating " character
    printf("Usage: gcc copy.c -o opy\");
              ^
copy.c:12:10: error: missing terminating " character
    printf("Usage: gcc copy.c -o opy\");
              ^
root@dekstop:/home/daf# gcc copy.c -o copy
copy.c:6:2: error: invalid preprocessing directive #defie; did you mean #define?
#define SIZE 1024
^
copy.c:7:16: error: expected ')' before 'char'
int main (argc,char *argv[]){
               ^
copy.c:12:10: warning: missing terminating " character
    printf("Usage: gcc copy.c -o copy\");
              ^
```

Activities Terminal Sen 23:55 root@dekstop: /home/daf

```
File Edit View Search Terminal Help
#defie SIZE 1024
define
copy.c:7:16: error: expected ')' before 'char'
int main (argc,char *argv[]){
copy.c:12:10: warning: missing terminating " character
printf("Usage: gcc copy.c -o copy\");
copy.c:12:10: error: missing terminating " character
printf("Usage: gcc copy.c -o copy\");
root@dekstop:/home/daf# gcc copy.c -o copy
copy.c:6:2: error: invalid preprocessing directive #defie; did you mean #define?
#defie SIZE 1024
define
copy.c:7:16: error: expected ')' before 'char'
int main (argc,char *argv[]){
root@dekstop:/home/daf# nano del.c
root@dekstop:/home/daf# gcc del.c -o del
del.c: In function 'main':
del.c:6:6: error: 'arg' undeclared (first use in this function); did you mean 'argv'?
if (arg != 2)
    argv
del.c:6:6: note: each undeclared identifier is reported only once for each function it appears in
del.c:10:3: warning: implicit declaration of function 'exit' [-Wimplicit-function-declaration]
exit(-1);
del.c:10:3: warning: incompatible implicit declaration of built-in function 'exit'
del.c:10:3: note: include '<stdlib.h>' or provide a declaration of 'exit'
del.c:12:21: error: 'O_RDONLY' undeclared (first use in this function); did you mean 'O_RDONLY'?
fd = open(argv[1], O_RDONLY);
O_RDONLY
root@dekstop:/home/daf#
```

Take Screenshot

Cancel Take Screenshot

Take Screenshot

☐ Grab the current window

☐ Select area to grab

Grab after a delay of 0 seconds

Effects

☐ Include pointer

☒ Include the window border