Nama: Diah Fitri Ramadhani

NIM: L200180106

MODUL 10

List.c

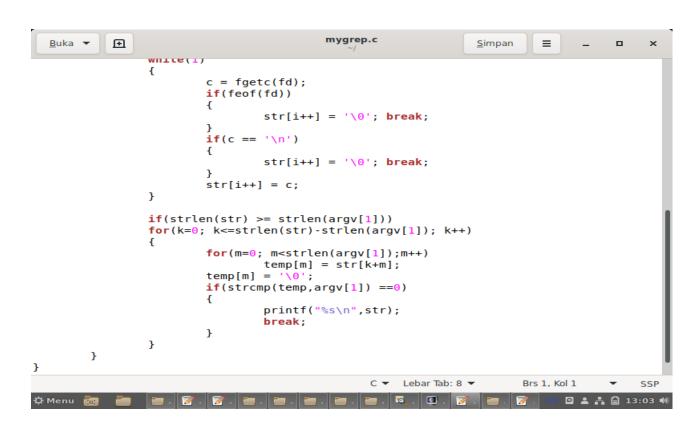
```
list.c
  Buka 🔻
           \oplus
                                                                Simpan
                                                                          \equiv
                                                                                  #include <stdio.h>
#include <dirent.h>
int 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);
}
```



Mygrep.c

```
mygrep.c
  Buka ▼
           \oplus
                                                                  Simpan
                                                                            \equiv
                                                                                       ×
#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: 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);
        while( ! feof(fd))
                 i = 0;
                 while(1)
                                                  C ▼ Lebar Tab: 8 ▼
                                                                         Brs 1, Kol 1
                                                                                           SSP
☆ Menu
                                                         . 📵 .

□ ♣ ♣ 	 13:03 • 0
```



```
сору.с
  Buka 🔻
           \oplus
                                                                  Simpan
                                                                            \equiv
                                                                                       ×
#include <stdio.h>
#include <stdlib.h>
#include <fcntl.h>
#include <sys/stat.h>
#define SIZE 1024
int 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], 0 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)
                                                  C ▼ Lebar Tab: 8 ▼
                                                                         Brs 1, Kol 1
                                                                                           SSP
                                              g ... | 🕋 ... | 👼 ... | 📵 ... | 🕋 ... | 👺

□ ♣ ♣ 	 13:04 • 0

☆ Menu 📷
                                             copy.c
  Buka 🔻
                                                                  Simpan
           ⊞
                                                                            \equiv
                                                                                       ×
        char but[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], 0_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);
}
                                                  C ▼ Lebar Tab: 8 ▼
                                                                         Brs 1, Kol 1
                                                                                           SSP

☆ Menu 

                                                       ™ ... ■ ...
                                                                               13:04 •
```

Del.c

```
del.c
  Buka ▼
                                                                      Simpan
                                                                                 ≡
                                                                                            \oplus
# include <stdio.h>
#include <stdlib.h>
#include <fcntl.h>
int 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], 0_RDONLY);
         if (fd != -1)
         {
                  close(fd);
                  unlink(argv[1]);
         }else
                  perror(argv[1]);
}
```



Compile:

```
miterm
acer@debian:~$ nano list.c
acer@debian:~$ gcc list.c -o list
list.c: In function 'main':
list.c:7:2: warning: implicit declaration of function 'qetcwd'; did you mean q
etw'? [-Wimplicit-function-declaration]
  getcwd(pathname);
  aetw
acer@debian:~$ nano mygrep.c
acer@debian:~$ gcc mygrep.c -o mygrep
acer@debian:~$ nano copy.c
acer@debian:~$ gcc copy.c -o copy
copy.c: In function 'main':
copy.c:12:10: warning: unknown escape sequence: '\c'
   printf("Usage: .\copy <filename> <newfile> \n");
copy.c:25:17: 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)
```

```
mlterm
  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
acer@debian:~$ nano del.c
acer@debian:~$ gcc del.c -o del
del.c: In function 'main':
del.c:15:3: warning: implicit declaration of function 'close'; did you mean 'p
close'? [-Wimplicit-function-declaration]
   close(fd);
   pclose
del.c:16:3: warning: implicit declaration of function 'unlink'; did you mean u
nix'? [-Wimplicit-function-declaration]
   unlink(argv[1]);
```

```
mlterm
    unix
 acer@debian:~$ ./list
 Error
 acer@debian:~$ ls
 a.out
                    fcreate
                               l200180122.txt
                                                           Templat
         Destop
                                               mygrep
                                                           Unduhan
 CODY
         dirlist.c fcreate.c
                               l200180135.txt
                                               mygrep.c
 copy.c
         Dokumen
                    fread
                               list
                                               nano.save Video
                                               Publik
 del
         fappend
                    fread.c
                               list.c
                               Musik
 del.c
         fappend.c Gambar
                                               stat.c
 acer@debian:~$ nano l200180106.txt
 acer@debian:~$ ./mygrep l200180106.txt
 Usage: gcc mygrep.c -o mygrep
 Usage: ./mygrep <search text> <filename>
 acer@debian:~$ ./mygrep diah l200180106.txt
 nama = diah
 acer@debian:~$ ./copy l200180106.txt diah.txt
 acer@debian:~$ ls
 a.out
         Destop
                    fappend.c Gambar
                                               list.c
                                                           Publik
 copy
         diah.txt
                    fcreate
                               l200180106.txt Musik
                                                           stat.c
         dirlist.c fcreate.c
                               l200180122.txt
 copy.c
                                               mygrep
                                                           Templat
         Dokumen
                    fread
                               l200180135.txt
                                                           Unduhan
 del
                                               mygrep.c
 del.c
         fappend
                    fread.c
                                               nano.save Video
                               list
 acer@debian:~$ ./del l200180106.txt

∄acer@debian:∼$ ls
```

```
mlterm
copy.c
        Dokumen
                   fread
                              list
                                              nano.save Video
del
        fappend
                   fread.c
                              list.c
                                              Publik
        fappend.c Gambar
del.c
                              Musik
                                              stat.c
acer@debian:~$ nano l200180106.txt
acer@debian:~$ ./mygrep l200180106.txt
Usage: gcc mygrep.c -o mygrep
Usage: ./mygrep <search text> <filename>
acer@debian:~$ ./mygrep diah l200180106.txt
nama = diah
acer@debian:~$ ./copy l200180106.txt diah.txt
acer@debian:~$ ls
                                                         Publik
a.out
        Destop
                   fappend.c Gambar
                                              list.c
сору
        diah.txt
                   fcreate
                              l200180106.txt
                                              Musik
                                                         stat.c
        dirlist.c fcreate.c
                              l200180122.txt
                                                         Templat
copy.c
                                              mygrep
                                              mygrep.c
                   fread
                                                         Unduhan
del
        Dokumen
                              l200180135.txt
del.c
        fappend
                   fread.c
                              list
                                              nano.save Video
acer@debian:~$ ./del l200180106.txt
acer@debian:~$ ls
a.out
        Destop
                   fappend.c
                              Gambar
                                              Musik
                                                         stat.c
copy
        diah.txt
                   fcreate
                              l200180122.txt
                                                         Templat
                                              mygrep
        dirlist.c fcreate.c l200180135.txt
                                                         Unduhan
copy.c
                                              mygrep.c
                              list
del
        Dokumen
                   fread
                                              nano.save Video
del.c
                   fread.c
                              list.c
                                              Publik
        fappend
acer@debian:~$
```