LAPORAN PRAKTIKUM SISTEM OPERASI



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UNIVERSITAS MUHAMMADIYAH SURAKARTA TAHUN AJARAN 2021/2022

Lembar Kerja Praktikum

NIM : L200210241 Nilai Praktek :

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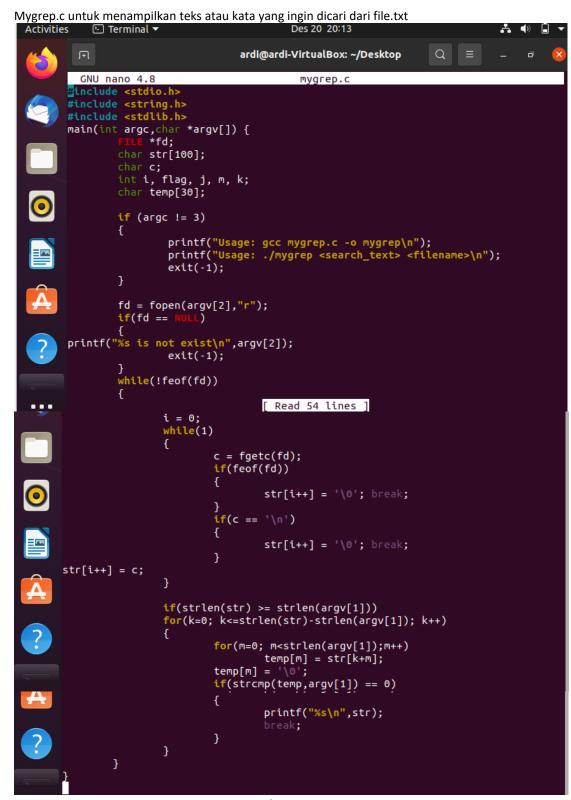
Nama Asisten :- Tanda Tangan :

Tanggal Praktikum : 12/12/2022

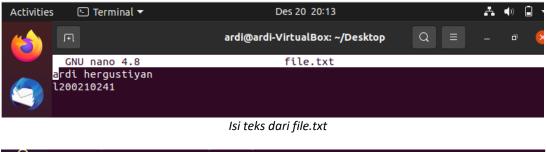
Modul 10

1. List.c untuk menampilkan file yang ada

```
ardi@ardi-VirtualBox: ~/Desktop
ardi@ardi-VirtualBox:~/Desktop$ nano list.c
ardi@ardi-VirtualBox:~/Desktop$ gcc -o list list.c
list.c:3:1: warning: return type defaults to 'int' [-Wimplicit-int]
     3 | main(){
list.c: In function 'main':
list.c:7:2: warning: implicit declaration of function 'getcwd'; did you mean 'g
etw'? [-Wimplicit-function-declaration]
    7 | getcwd(pathname);
           getcwd(pathname);
ardi@ardi-VirtualBox:~/Desktop$ ./list list.c
                           copy
dirlist.c
                                                                                   del
a.out
 del.c
                                                        exec.c
                                                                                     file.txt
  fork.c
                              list
                                                          list.c
                                                                                      mygep.c
                                                                                       wait.c
    тудгер
                               mygrep.c
                                                           stat.c
```



Code mygrep.c



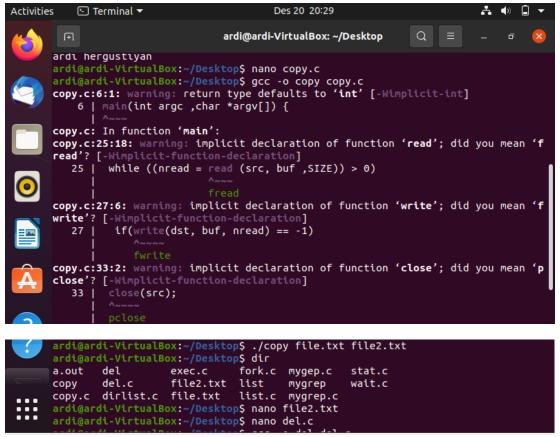
3. Copy.c digunakan untuk mengopy isi dari isi file.txt

```
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Activities

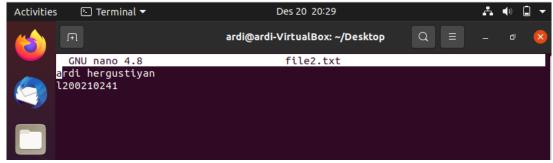
    Terminal ▼

                                            ardi@ardi-VirtualBox: ~/Desktop
                                                                                    Q =
         GNU nano 4.8
                                                          copy.c
        #include <stdlib.h>
#include <fcntl.h>
#include <fcntl.h>
#include <sys/stat.h>
         #define
                        1024
         main(int argc ,char *argv[]) {
                  int src, dst, nread;
char buf[SIZE];
if (argc !=3)
                             printf("Usage: gcc copy.c -cpy\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);
```

Program copy.c

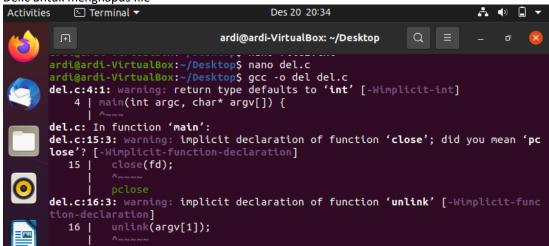


Proses mengCopy file.txt ke file2.txt dan melihat isi direktori aoakah file2.txt sudah ada



Isi file2.txt sudah mencopy file.txt

4. Del.c untuk menghapus file



```
ardi@ardi-VirtualBox:~/Desktop$ ./del file.txt
ardi@ardi-VirtualBox:~/Desktop$ dir
a.out copy.c del.c exec.c fork.c list.c mygrep stat.c
copy del dirlist.c file2.txt list mygep.c mygrep.c wait.c
```

file.txt sudah terdelete dari direktori

```
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                                                                                                                   ♣ • • •
Activities

    Terminal ▼

                                                                                                   Q =
                                                    ardi@ardi-VirtualBox: ~/Desktop
          GNU nano 4.8
                                                                     del.c
         #include <stdio.h>
#include <stdlib.h>
#include <fcrtl.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);
tf (fd != -1)
{
                                  close(fd);
unlink(argv[1]);
                      } else
                                  perror(argv[1]);
```

Code del.c