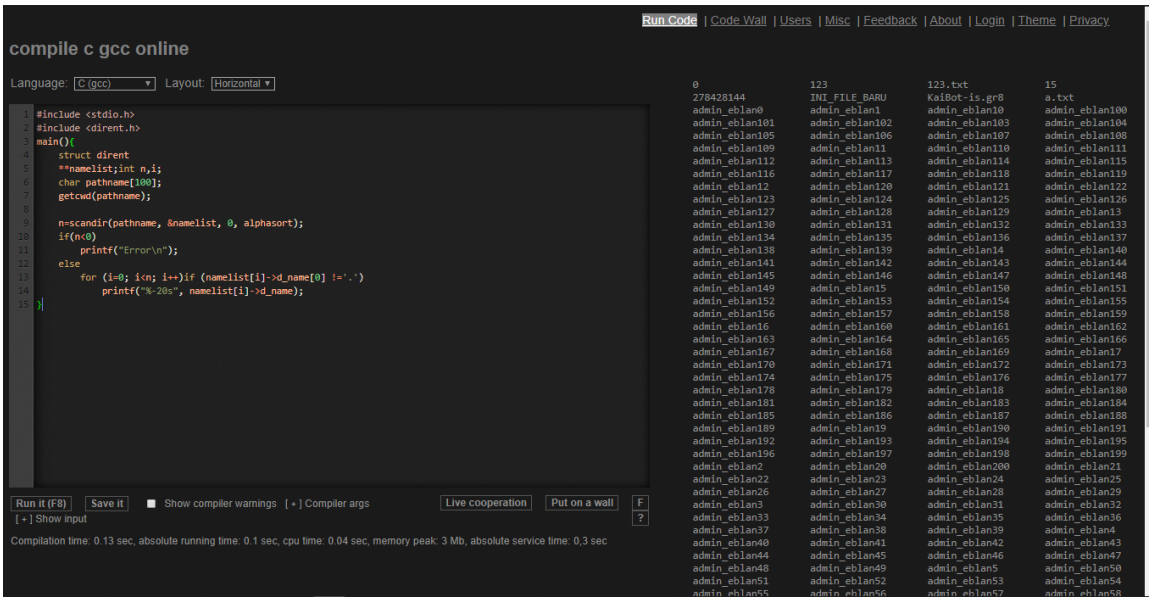
Praktikum Sistem Operasi

MODUL 10

Nama : Edi Supriyanto

NIM : L200180002

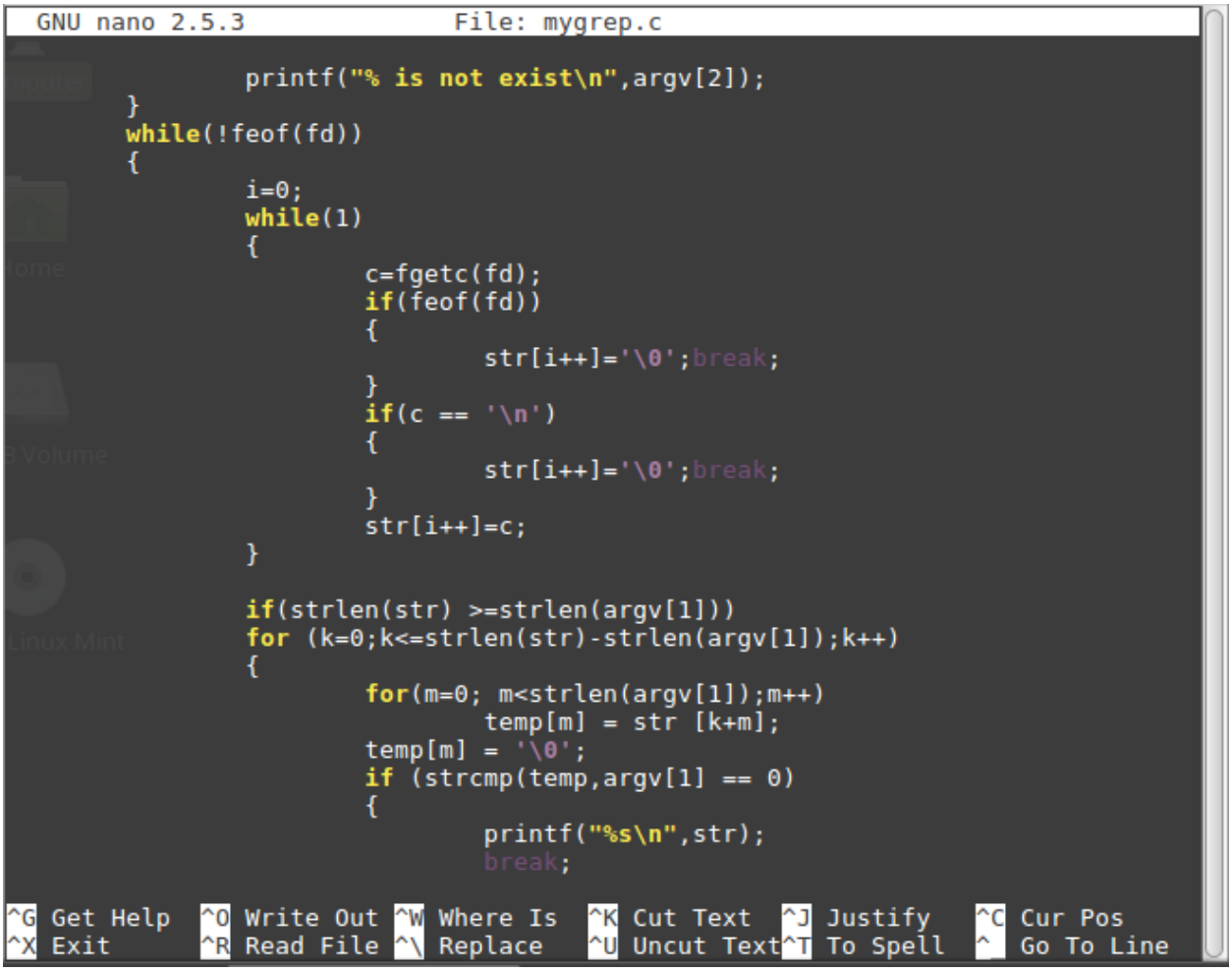
List.c

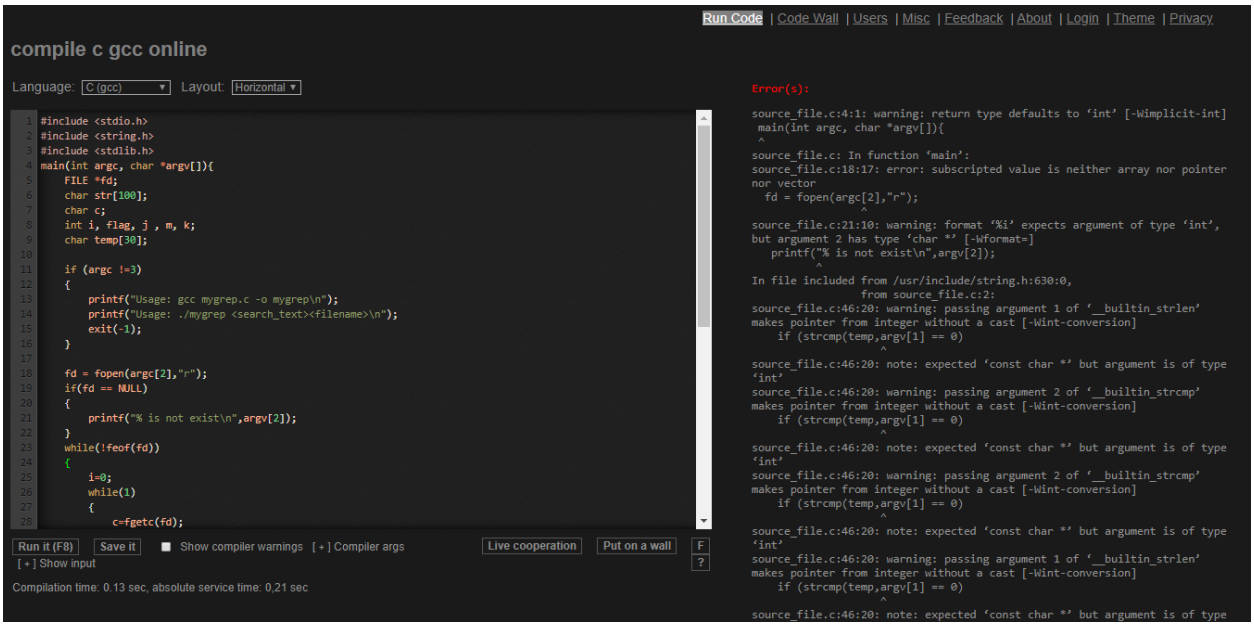


Mygrep.c

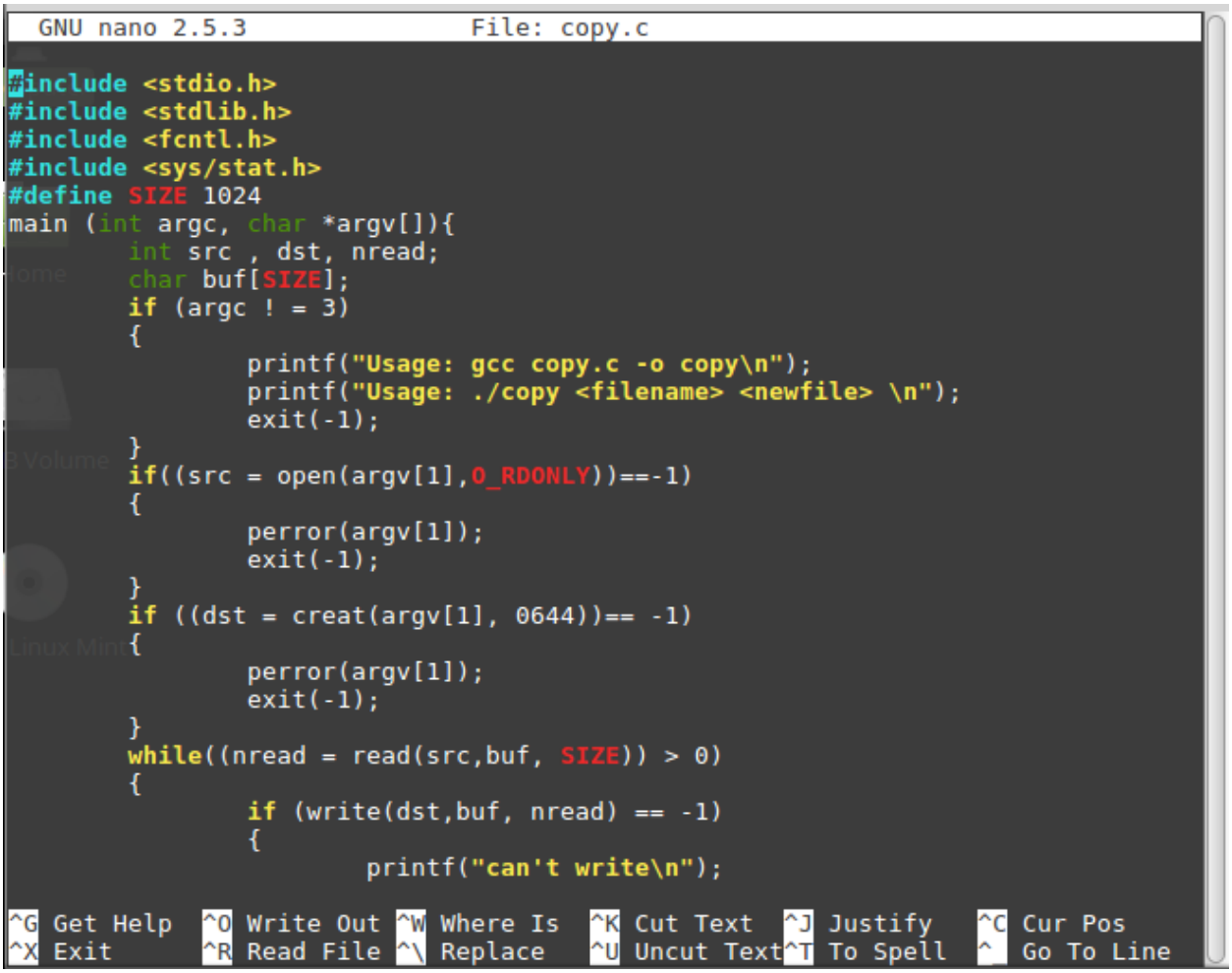
```
 GNU nano 2.5.3                File: mygrep.c

#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(argc[2],"r");
        if(fd == NULL)

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

```
 GNU nano 2.5.3                File: mygrep.c

        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(argc[2],"r");
        if(fd == NULL)
        {
                printf("% is not exist\n",argv[2]);
        }
        while(!feof(fd))
        {
                i=0;
                while(1)
                {
                        c=fgetc(fd);
                        if(feof(fd))
                        {
                                str[i++]='\0';break;
                        }
                        if(c == '\n')
                        {

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

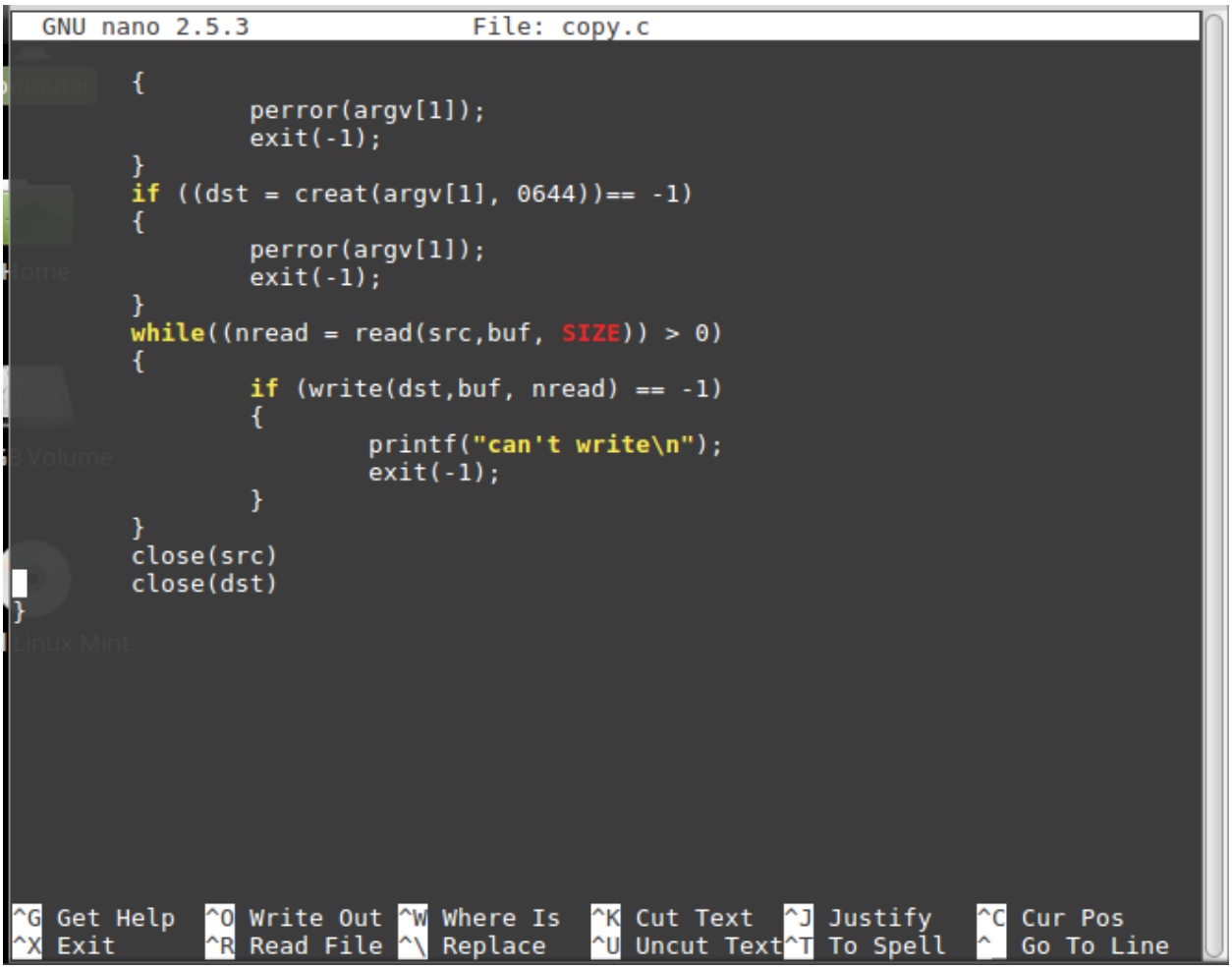

GNU nano 2.5.3 File: mygrep.c
printf("% is not exist\n",argv[2]);
}
while(!feof(fd))
{
i=0;
while(1)
{
c=fgetc(fd);
if(feof(fd))
{
str[i++]='\0';break;
}
if(c == '\n')
{
str[i++]='\0';break;
}
str[i++]=c;
}
if(strlen(str) >=strlen(argv[1]))
for (k=0;k<=strlen(str)-strlen(argv[1]);k++)
{
for(m=0; m<strlen(argv[1]);m++)
temp[m] = str [k+m];
temp[m] = '\0';
if (strcmp(temp,argv[1] == 0)
{
printf("%s\n",str);
break;
^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos
^X Exit ^R Read File ^\ Replace ^U Uncut Text ^T To Spell ^_ Go To Line

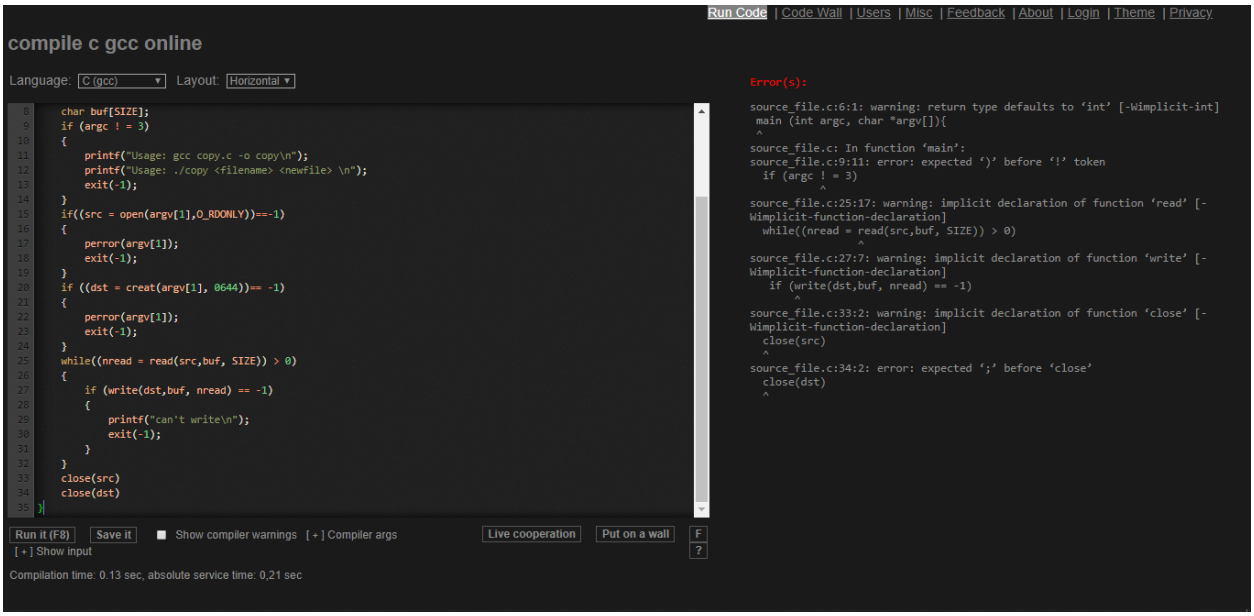

Run Code | Code Wall | Users | Misc | Feedback | About | Login | Theme | Privacy
compile c gcc online
Language: C (gcc) Layout: Horizontal
#include <stdio.h>
#include <string.h>
#include <stdlib.h>
main(int argc, char *argv[]){
FILE *fd;
char str[100];
char c;
int i, flag, j , m, k;
char temp[30];
if (argc !=3)
{
printf("Usage: gcc mygrep.c -o mygrep\n");
printf("Usage: ./mygrep <search_text><filename>\n");
exit(-1);
}
fd = fopen(argc[2],"r");
if(fd == NULL)
{
printf("% is not exist\n",argv[2]);
}
while(!feof(fd))
{
i=0;
while(1)
{
c=fgetc(fd);
Run it (F8) Save it Show compiler warnings [+] Compiler args Live cooperation Put on a wall F
[+] Show input ?
Compilation time: 0.13 sec, absolute service time: 0.21 sec
Error(s):
source_file.c:4:1: warning: return type defaults to ‘int’ [-Wimplicit-int]
main(int argc, char *argv[]){
^
source_file.c: In function ‘main’:
source_file.c:18:17: error: subscripted value is neither array nor pointer nor vector
fd = fopen(argc[2],"r");
^
source_file.c:21:10: warning: format ‘%i’ expects argument of type ‘int’, but argument 2 has type ‘char *’ [-Wformat=]
printf("% is not exist\n",argv[2]);
^
In file included from /usr/include/string.h:630:0,
from source_file.c:2:
source_file.c:46:20: warning: passing argument 1 of ‘__builtin_strlen’ makes pointer from integer without a cast [-Wint-conversion]
if (strcmp(temp,argv[1] == 0)
^
source_file.c:46:20: note: expected ‘const char *’ but argument is of type ‘int’
source_file.c:46:20: warning: passing argument 2 of ‘__builtin_strcmp’ makes pointer from integer without a cast [-Wint-conversion]
if (strcmp(temp,argv[1] == 0)
^
source_file.c:46:20: note: expected ‘const char *’ but argument is of type ‘int’
source_file.c:46:20: warning: passing argument 2 of ‘__builtin_strcmp’ makes pointer from integer without a cast [-Wint-conversion]
if (strcmp(temp,argv[1] == 0)
^
source_file.c:46:20: note: expected ‘const char *’ but argument is of type ‘int’
source_file.c:46:20: warning: passing argument 1 of ‘__builtin_strlen’ makes pointer from integer without a cast [-Wint-conversion]
if (strcmp(temp,argv[1] == 0)
^
source_file.c:46:20: note: expected ‘const char *’ but argument is of type

Copy.c



```
  GNU nano 2.5.3                File: 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[1], 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");

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


GNU nano 2.5.3 File: copy.c
{
perror(argv[1]);
exit(-1);
}
if ((dst = creat(argv[1], 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)
}
^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos
^X Exit ^R Read File ^\ Replace ^U Uncut Text ^T To Spell ^_ Go To Line


Run Code | Code Wall | Users | Misc | Feedback | About | Login | Theme | Privacy
compile c gcc online
Language: C (gcc) Layout: Horizontal
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[1], 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)
}
Run it (F8) Save it Show compiler warnings [+] Compiler args Live cooperation Put on a wall F
[+] Show input ?
Compilation time: 0.13 sec, absolute service time: 0,21 sec
Error(s):
source_file.c:6:1: warning: return type defaults to ‘int’ [-Wimplicit-int]
main (int argc, char *argv[]){
^
source_file.c: In function ‘main’:
source_file.c:9:11: error: expected ‘)’ before ‘!’ token
if (argc ! = 3)
^
source_file.c:25:17: warning: implicit declaration of function ‘read’ [-Wimplicit-function-declaration]
while((nread = read(src,buf, SIZE)) > 0)
^
source_file.c:27:7: warning: implicit declaration of function ‘write’ [-Wimplicit-function-declaration]
if (write(dst,buf, nread) == -1)
^
source_file.c:33:2: warning: implicit declaration of function ‘close’ [-Wimplicit-function-declaration]
close(src)
^
source_file.c:34:2: error: expected ‘;’ before ‘close’
close(dst)
^

Del.c

```
  GNU nano 2.5.3                File: 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]);
}

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