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MODUL 10

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Open  ~| list.c  Save  -  +  x
1 #include <stdio.h>
2 #include <dirent.h>
3 main () {
4     struct dirent
5     **namelist; int n, i;
6     char pathname[100];
7     getcwd(pathname);
8
9     n = scandir(pathname, &namelist, 0, alphasort);
10    if(n < 0 )
11        printf("error\n");
12    else
13        for(i=0; i<n; i++) if(namelist[i]->d_name[0] != '.')
14            printf("%-20s", namelist[i]->d_name);
15

```

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resya@resya-VirtualBox:~$ 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:7:9: warning: implicit declaration of function 'getcwd'; did you mean 'getw'? [-Wimplicit-function-declaration]
7 |     getcwd(pathname);
  |     ~~~~~
resya@resya-VirtualBox:~$ ./list
Desktop      Documents    Downloads    Music
Pictures     Praktikum  Public       Templates
Videos       a.out       exec.c       fappend
fappend.c    fcreate     fcreate.c   fork.c
fread        fread.c     list        list.c
snap         stat.c      test.txt    wait.c
resya@resya-VirtualBox:~$
resya@resya-VirtualBox:~$

```

```

1 #include <stdio.h>
2 #include <string.h>
3 #include <stdlib.h>
4 int main(int argc, char *argv[]){
5     FILE *fd;
6     char str[100];
7     char c;
8     int i, flag, j, m, k;
9     char temp[30];
10
11     if (argc != 3)
12     {
13         printf("Usage: gcc mygrep.c -o mygrep\n");
14         printf("Usage: ./mygrep <search_text> <filename>\n");
15         exit(-1);
16     }
17
18     fd = fopen(argv[2], "r");
19     if (fd == NULL)
20     {
21         printf("%s is not exist\n", argv[2]);
22         exit(-1);
23     }
24
25     while (!feof(fd))
26     {

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29         {
30             c = fgetc(fd);
31             if (feof(fd))
32             {
33                 str[i++] = '\0'; break;
34             }
35             if (c == '\n')
36             {
37                 str[i++] = '\0'; break;
38             }
39             str[i++] = c;
40         }
41         if (strlen(str) >= strlen(argv[1]))
42         for (k=0; k<=strlen(str)-strlen(argv[1]); k++)
43         {
44             for (m=0; m<strlen(argv[1]); m++);
45                 temp[m] = str[k+m];
46                 temp[m] = '\0';
47                 if (strcmp(temp, argv[1]) == 0)
48                 {
49                     printf("%s\n", str);
50                     break;
51                 }
52         }
53     }
54 }

```

C Tab Width: 8 Ln 15, Col 27 INS

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resya@resya-VirtualBox:~$ gcc -o mygrep mygrep.c
resya@resya-VirtualBox:~$ ./mygrep Resya test.txt

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```

1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <fcntl.h>
4 #include <sys/stat.h>
5 #define SIZE 1024
6 main(int argc, char *argv[]) {
7     int src, dst, nread;
8     char buf[SIZE];
9     if (argc != 3)
10
11         printf("Usage: gcc copy.c -o copy\n");
12         printf("Usage: ./mygrep <filename> <newfile> \n");
13         exit(-1);
14
15     if ((src = open(argv[1], O_RDONLY)) == -1)
16     {
17         perror(argv[1]);
18         exit(-1);
19     }
20     if ((dst = creat(argv[2], 0644)) == -1)
21     {
22         perror(argv[1]);
23         exit(-1);
24     }
25     while ((nread = read(src, buf, SIZE)) > 0)
26

```

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```

resya@resya-VirtualBox:~$ gcc -o copy copy.c
copy.c:6:1: warning: return type defaults to 'int' [-Wimplicit-int]
6 | main(int argc, char *argv[]) {
  | ^~~~~~
copy.c: In function 'main':
copy.c:25:25: warning: implicit declaration of function 'read'; did you mean 'f
read'? [-Wimplicit-function-declaration]
25 |         while ((nread = read(src, buf, SIZE)) > 0)
    |                        ^~~~~~
    |                        fread
copy.c:27:21: warning: implicit declaration of function 'write'; did you mean '
fwrite'? [-Wimplicit-function-declaration]
27 |         if (write(dst, buf, nread) == -1)
    |             ^~~~~~
    |             fwrite
copy.c:33:9: warning: implicit declaration of function 'close'; did you mean 'p
close'? [-Wimplicit-function-declaration]
33 |         close(src);
    |         ^~~~~~
    |         pclose
resya@resya-VirtualBox:~$ ./copy anakcucu milky

```

```

1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <fcntl.h>
4 main(int argc, char *argv[]) {
5     int fd;
6     if (argc != 2)
7     {
8         printf("Usage: gcc del.c -o del\n");
9         printf("Usage: ./del <filename>\n");
10        exit(-1);
11    }
12    fd = open(argv[1], O_RDONLY);
13    if (fd != -1)
14    {
15        close(fd);
16        unlink(argv[1]);
17    }else
18        perror(argv[1]);
19 }

```

```

resya@resya-VirtualBox:~$ gcc -o del del.c
del.c:4:1: warning: return type defaults to 'int' [-Wimplicit-int]
4 | main(int argc, char *argv[]) {
  | ^~~~~
del.c: In function 'main':
del.c:15:17: warning: implicit declaration of function 'close'; did you mean 'p
close'? [-Wimplicit-function-declaration]
15 |         close(fd);
    |         ^~~~~~
    |         pclose
del.c:16:17: warning: implicit declaration of function 'unlink' [-Wimplicit-fun
ction-declaration]
16 |         unlink(argv[1]);
    |         ^~~~~~
resya@resya-VirtualBox:~$ ./del anakucu
resya@resya-VirtualBox:~$

```