MODUL 9

1.


```c
3 #include <string.h>
4 #include <fcntl.h>
5
6 main(int argc, char *argv[]) {
7         int fd, n, len;
8         char buf[100];
9         if (argc != 2)
10        {
11                printf("Usage: ./a.out <filename>\n");
12                exit(-1);
13        }
14        fd = open(argv[1], O_WRONLY|O_CREAT|O_TRUNC, 0644);
15        if (fd < 0)
16        {
17                printf("File creation problem\n");
18                exit(-1);
19        }
20
21        printf("Tekan Ctrl+D di akhir baris:\n");
22
23        while((n = read(0, buf, sizeof(buf))) > 0)
24        {
25                len = strlen(buf);
26                write(fd, buf, len);
27        }
28
29        close(fd);
30 }
```

```
fcreate.c:29:9: warning: implicit declaration of function 'close'; did you mean
 'pclose'? [-Wimplicit-function-declaration]
   29 |             close(fd);
      |             ^~~~~
      |             pclose
resya@resya-VirtualBox:~$ gcc -o fcreate fcreate.c
fcreate.c:6:1: warning: return type defaults to 'int' [-Wimplicit-int]
    6 | main(int argc, char *argv[]) {
      | ^~~~
fcreate.c: In function 'main':
fcreate.c:23:20: warning: implicit declaration of function 'read'; did you mean
 'fread'? [-Wimplicit-function-declaration]
   23 |          while((n = read(0, buf, sizeof(buf))) > 0)
      |                     ^~~~
      |                     fread
fcreate.c:26:17: warning: implicit declaration of function 'write'; did you mea
n 'fwrite'? [-Wimplicit-function-declaration]
   26 |                write(fd, buf, len);
      |                ^~~~~
      |                fwrite
fcreate.c:29:9: warning: implicit declaration of function 'close'; did you mean
 'pclose'? [-Wimplicit-function-declaration]
   29 |             close(fd);
      |             ^~~~~
      |             pclose
resya@resya-VirtualBox:~$ ./fcreate test.txt
Tekan Ctrl+D di akhir baris:
resya
resya@resya-VirtualBox:~$
```

2.


```
fread.c
~/

 1 #include <stdio.h>
 2 #include <stdlib.h>
 3 #include <fcntl.h>
 4 main(int argc, char *argv []) {
 5        int fd,i;
 6        char buf[100];
 7        if (argc < 2)
 8        {
 9                printf("Usage: ./a.out <filename>\n");
10                exit(-1);
11        }
12
13        fd = open(argv[1], O_RDONLY);
14        if(fd == -1)
15        {
16                printf("%s file does not exist\n", argv[1]);
17                exit(-1);
18        }
19
20        printf("Isi dari file %s adalah : \n", argv[1]);
21        while(read(fd, buf, sizeof(buf)) > 0)
22                printf("%s", buf);
23
24        close(fd);
25 }
26
```

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```
resya@resya-VirtualBox:~$ gcc -o fread fread.c
fread.c:4:1: warning: return type defaults to 'int' [-Wimplicit-int]
    4 | main(int argc, char *argv []) {
      | ^~~~
fread.c: In function 'main':
fread.c:21:15: warning: implicit declaration of function 'read'; did you mean '
fread'? [-Wimplicit-function-declaration]
   21 |             while(read(fd, buf, sizeof(buf)) > 0)
      |                   ^~~~
      |                   fread
fread.c:24:9: warning: implicit declaration of function 'close'; did you mean '
pclose'? [-Wimplicit-function-declaration]
   24 |             close(fd);
      |             ^~~~~
      |             pclose
resya@resya-VirtualBox:~$ ./fread test.txt
Isi dari file test.txt adalah :
resya
resya@resya-VirtualBox:~$ 
```

3.

```c
#include <stdio.h>
#include <string.h>
#include <stdlib.h>
#include <fcntl.h>
main (int argc, char *argv[]) {
        int fd, n, len;
        char buf[100];
        if (argc != 2)
        {
                printf("Usage: ./a.out <filename>\n"); exit(-1);
        }
        fd = open(argv[1], O_APPEND|O_WRONLY|O_CREAT, 0644);
        if (fd < 0)
        {
                perror(argv[1]);
                exit(-1);
        }

        while((n = read(0, buf, sizeof(buf))) > 0)
        {
                len = strlen(buf);
                write(fd, buf, len);
        }
        close(fd);
}
```

fappend.c
~/

C Tab Width: 8 Ln 25, Col 2 INS

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resya@resya-VirtualBox: ~

```
                          ^~~~
                          fwrite
fappend.c:24:9: warning: implicit declaration of function 'close'; did you mean
  'pclose'? [-Wimplicit-function-declaration]
   24 |         close(fd);
      |         ^~~~~
      |         pclose
resya@resya-VirtualBox:~$ ./fappend test.txt
L200210273
resya@resya-VirtualBox:~$ gcc -o fread fread.c
fread.c:4:1: warning: return type defaults to 'int' [-Wimplicit-int]
    4 | main(int argc, char *argv []) {
      | ^~~~
fread.c: In function 'main':
fread.c:21:15: warning: implicit declaration of function 'read'; did you mean '
fread'? [-Wimplicit-function-declaration]
   21 |         while(read(fd, buf, sizeof(buf)) > 0)
      |               ^~~~
      |               fread
fread.c:24:9: warning: implicit declaration of function 'close'; did you mean '
pclose'? [-Wimplicit-function-declaration]
   24 |         close(fd);
      |         ^~~~~
      |         pclose
resya@resya-VirtualBox:~$ ./fread test.txt
Isi dari file test.txt adalah :
resya
L200210273
resya@resya-VirtualBox:~$
```