

MODUL 8

NAMA : AL ADIAT RUSSETYA TAMORA

NIM : L200170037

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l20017037@l20017037-VirtualBox: ~/L200170037
File Edit View Search Terminal Help
l20017037@l20017037-VirtualBox:~$ cd L200170037
l20017037@l20017037-VirtualBox:~/L200170037$ gedit fork.c
l20017037@l20017037-VirtualBox:~/L200170037$ gcc fork.c
fork.c:5:1: warning: return type defaults to 'int' [-Wimplicit-int]
main() {
~~~~~
l20017037@l20017037-VirtualBox:~/L200170037$ ./a.out

Parent process:
Process id is 2221
Value of x is 6
Process id of shell is 2088
l20017037@l20017037-VirtualBox:~/L200170037$ Child process:
Process id is 2222
Value of x is 6
Process id of parent is 980

l20017037@l20017037-VirtualBox:~/L200170037$ gedit wait.c
l20017037@l20017037-VirtualBox:~/L200170037$ gcc wait.c
wait.c:6:1: warning: return type defaults to 'int' [-Wimplicit-int]
main() {
~~~~~
l20017037@l20017037-VirtualBox:~/L200170037$ ./a.out
```

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l20017037@l20017037-VirtualBox: ~/L200170037
File Edit View Search Terminal Help
Process id is 2221
Value of x is 6
Process id of shell is 2088
l20017037@l20017037-VirtualBox:~/L200170037$ Child process:
Process id is 2222
Value of x is 6
Process id of parent is 980

l20017037@l20017037-VirtualBox:~/L200170037$ gedit wait.c
l20017037@l20017037-VirtualBox:~/L200170037$ gcc wait.c
wait.c:6:1: warning: return type defaults to 'int' [-Wimplicit-int]
main() {
^~~~~
l20017037@l20017037-VirtualBox:~/L200170037$ ./a.out

Child starts
Nomor Ganjil:  1  3  5  7  9
Child ends

Parent starts
Nomor Genap:  2  4  6  8 10
Parent ends
l20017037@l20017037-VirtualBox:~/L200170037$
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l20017037@l20017037-VirtualBox: ~/L200170037
File Edit View Search Terminal Help
l20017037@l20017037-VirtualBox:~/L200170037$ gedit exec.c
l20017037@l20017037-VirtualBox:~/L200170037$ gcc exec.c
exec.c: In function 'main':
exec.c:25:3: warning: missing sentinel in function call [-Wformat=]
    i = execl(argv[1], argv[2], 0);
    ^
l20017037@l20017037-VirtualBox:~/L200170037$ ./a.out /bin/ls /ls
Child process
a.out exec.c fork.c halo l037.txt l200170037.sh latihan wait.c
Child Terminated
l20017037@l20017037-VirtualBox:~/L200170037$ gedit stat.c
l20017037@l20017037-VirtualBox:~/L200170037$ gcc stat.c
stat.c: In function 'main':
stat.c:20:23: warning: format '%d' expects argument of type 'int', but argument
2 has type '__blksize_t {aka long int}' [-Wformat=]
    printf("Block size: %d\n", file.st_blksize);
    ~^
                                %ld
stat.c:21:29: warning: format '%d' expects argument of type 'int', but argument
2 has type '__blkcnt_t {aka long int}' [-Wformat=]
    printf("Blocks allocated: %d\n", file.st_blocks);
    ~^
                                %ld
stat.c:22:22: warning: format '%d' expects argument of type 'int', but argument
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stat.c:24:33: warning: format '%s' expects argument of type 'char *', but argume
nt 2 has type '__time_t {aka long int}' [-Wformat=]
    printf("Last modified: %s", file.st_mtime);
                        ~^
                        %ld
stat.c:25:29: warning: format '%d' expects argument of type 'int', but argument
2 has type '__off_t {aka long int}' [-Wformat=]
    printf("File size: %d bytes \n", file.st_size);
                        ~^
                        %ld
stat.c:26:25: warning: format '%d' expects argument of type 'int', but argument
2 has type '__nlink_t {aka long unsigned int}' [-Wformat=]
    printf("No. of links: %d\n", file.st_nlink);
                        ~^
                        %ld
l20017037@l20017037-VirtualBox:~/L200170037$ ./a.out stat.c
User id: 1000
Group id: 1000
Block size: 4096
Blocks allocated: 8
Inode no.: 295359
Segmentation fault (core dumped)
l20017037@l20017037-VirtualBox:~/L200170037$
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```
l20017037@l20017037-VirtualBox: ~/L200170037
File Edit View Search Terminal Help
User id: 1000
Group id: 1000
Block size: 4096
Blocks allocated: 8
Inode no.: 295359
Segmentation fault (core dumped)
l20017037@l20017037-VirtualBox:~/L200170037$ gedit dirlist.c
l20017037@l20017037-VirtualBox:~/L200170037$ gcc dirlist.c
l20017037@l20017037-VirtualBox:~/L200170037$ ./a.out
Usage: ./a.out <dirname>
l20017037@l20017037-VirtualBox:~/L200170037$ ./a.out .
l037.txt
wait.c
halo
stat.c
fork.c
exec.c
.
a.out
l200170037.sh
..
dirlist.c
latihan
l20017037@l20017037-VirtualBox:~/L200170037$
```