

**OPERATION SYSTEM**

**MODUL 8**

**ODD SEMESTER**



**Oleh:**

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**INFORMATION STUDY PROGRAM**

**COMMUNICATION AND INFORMATION FACULTY**

**MUHAMMADIYAH UNIVERSITY OF SURAKARTA**

# stat.c

```
Terminal - root@kayonpc13: /home/kayon-pc13
File Edit View Terminal Tabs Help
kayon-pc13@kayonpc13:~$ sudo su
[sudo] password for kayon-pc13:
root@kayonpc13: /home/kayon-pc13# nano dirlist.c
dirlist.c: In function 'main':
dirlist.c:14:15: warning: implicit declaration of function 'operandir'; did you mean 'opendir'? [-Wimplicit-function-declaration]
    if ((dname = operandir(argv[1])) == NULL)
                  ^
dirlist.c:14:13: warning: assignment makes pointer from integer without a cast [-Wint-conversion]
    if ((dname = operandir(argv[1])) == NULL)
                  ^
/tmp/cctqlFcf.o: In function 'main':
dirlist.c:(.text+0x3ff): undefined reference to 'operandir'
collect2: error: ld returned 1 exit status
root@kayonpc13: /home/kayon-pc13# gcc dirlist.c
root@kayonpc13: /home/kayon-pc13# ./out
bash: ./out: No such file or directory
root@kayonpc13: /home/kayon-pc13# ./out /home
bash: ./out: No such file or directory
root@kayonpc13: /home/kayon-pc13# ./a.out /home
ls200180211
gabriel
azyaa
aji
user1200180116
kayon-pc13
..
anita
root@kayonpc13: /home/kayon-pc13# ./a.out /home/kayon-pc13
.dbus
a.out
.thumbnails
wait
fork
.xsession-errors.old
Downloads
.python_history
stat
coba
Videos
dirlist.c
.gnupg
..
infol200180003.sh.swo
matcha
.gnome2
.local
exec
.sudo_as_admin_successful
.bashrc
exec.c
.mozilla
.dirc
Desktop
.info.swp
Public
.xscreensaver
wait.c
.templates
..
.config
.idlsrc
.kauthority
```

```
Terminal - root@kayonpc13: /home/kayon-pc13
File Edit View Terminal Tabs Help
bash: ./out: No such file or directory
root@kayonpc13: /home/kayon-pc13# ./a.out /home
ls200180211
gabriel
azyaa
aji
user1200180116
kayon-pc13
..
anita
root@kayonpc13: /home/kayon-pc13# ./a.out /home/kayon-pc13
.dbus
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```
Terminal - root@kayonpc13: /home/kayon-pc13
File Edit View Terminal Tabs Help
.xsession-errors.old
Downloads
.python_history
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.info/200120003.sh.swp
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.bashrc
exec.c
.mozilla
.dnrc
Desktop
.info.swp
Public
.xscreensaver
wait.c
Templates
.
.config
.idlrc
.xauthority
.cache
.pli
.nv
.profile
fork.c
Pictures
.vscodes-oss
wait.c
.xdefaults
.bash_history
Music
.info/200120003.sh.swp
.bash_logout
.xauthority
.xsession-errors
Documents
root@kayonpc13: /home/kayon-pc13#
root@kayonpc13: /home/kayon-pc13#
```

## dirlist.c

```
Terminal - root@kayonpc13: /home/kayon-pc13
File Edit View Terminal Tabs Help
kayon-pc13@kayonpc13:~$ sudo su
[sudo] password for kayon-pc13:
root@kayonpc13: /home/kayon-pc13# nano stat.c
root@kayonpc13: /home/kayon-pc13# gcc stat.c -o stat
root@kayonpc13: /home/kayon-pc13# ls
a.out  dirlist.c  exec  fork.c  Pictures  stat.c  wait
coba  Documents  exec.c  matcha  Public  Templates  wait.c
Desktop  Downloads  fork  Music  stat  Videos
root@kayonpc13: /home/kayon-pc13# ./stat fork.c
User id : 1000
Group id: 1000
Block size: 4096
Block allocated: 8
Inode no. : 845774
Last accessed : Tue Nov 26 11:07:54 2019
Last modified : Tue Nov 26 11:07:52 2019
File size : 572 bytes
No. of links : 1
Permission : -rw-rw-r--
File type : Regular
root@kayonpc13: /home/kayon-pc13# ./stat Documents
User id : 1000
Group id: 1000
Block size: 4096
Block allocated: 8
Inode no. : 838010
Last accessed : Tue Nov 19 15:51:51 2019
Last modified : Tue Nov 19 15:42:40 2019
File size : 4096 bytes
No. of links : 2
Permission : drwxr-xr-x
File type: Directory
root@kayonpc13: /home/kayon-pc13#
```