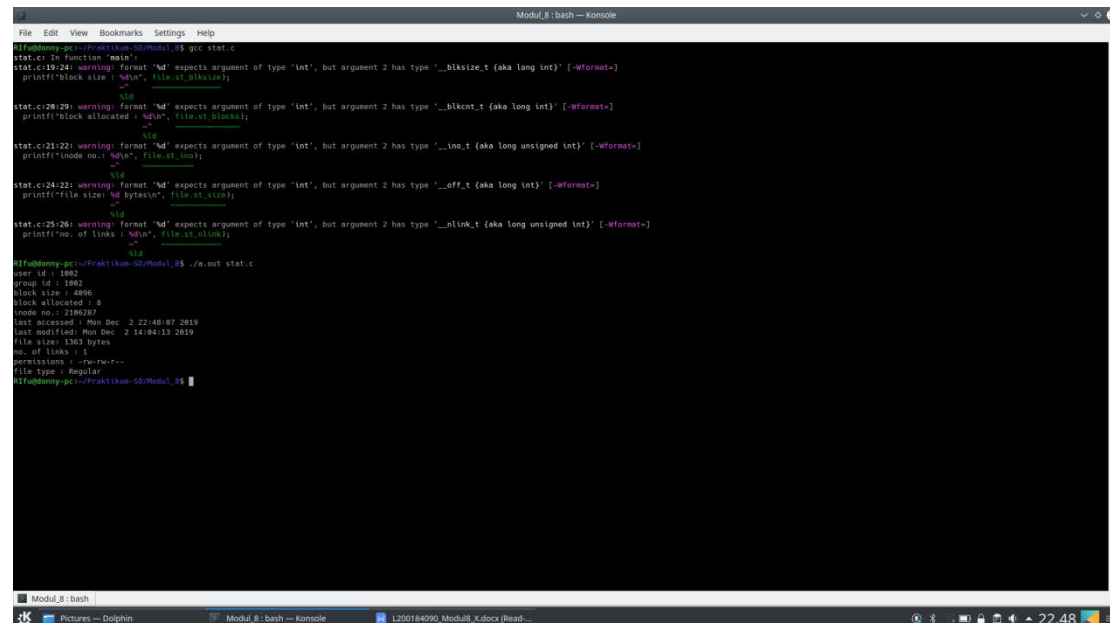


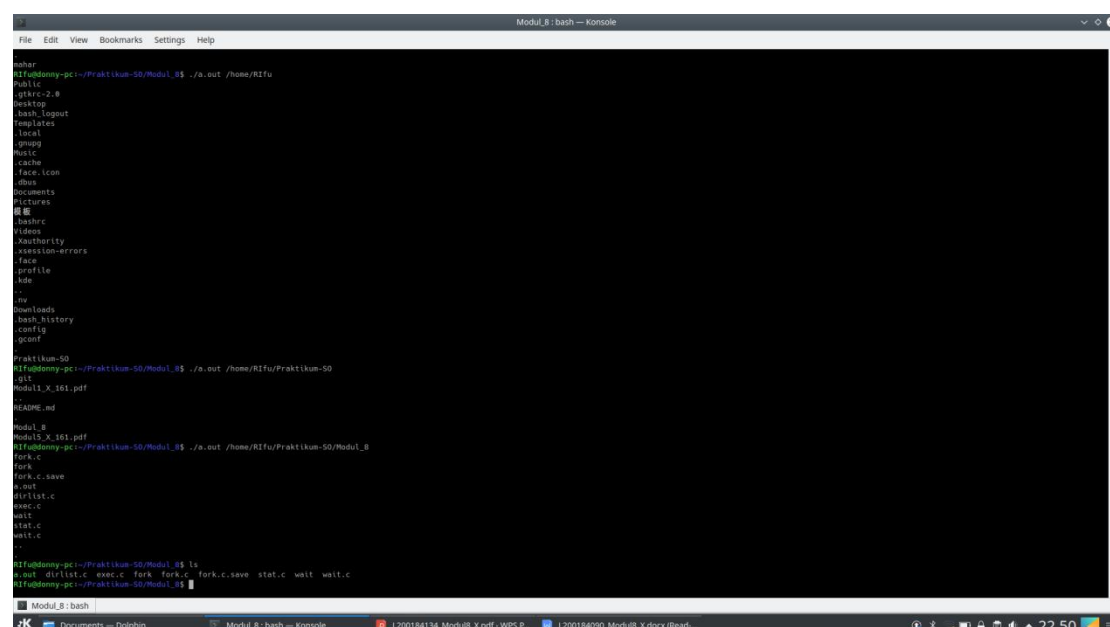
Name : M. Rifqy Fauzy
NIM : L200184090
Class : X

Make the stat.c and compile the stat.c, that is used to get information about file and structure.



```
Modul_8: bash — Konsole
File Edit View Bookmarks Settings Help
Rifudenny-pc:~/Praktikum-S0/Modul_05 gcc stat.c
stat.c: In function 'main':
stat.c:19:24: 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);
                        ^
stat.c:20:29: warning: format '%d' expects argument of type 'int', but argument 2 has type '___blkcnt_t (aka long int)' [-Wformat=]
  printf("block allocated : %d\n", file.st_blocks);
                        ^
stat.c:21:22: warning: format '%d' expects argument of type 'int', but argument 2 has type '___ino_t (aka long unsigned int)' [-Wformat=]
  printf("inode no.: %d\n", file.st_ino);
                        ^
stat.c:24:22: 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);
                        ^
stat.c:25:26: 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);
                        ^
Rifudenny-pc:~/Praktikum-S0/Modul_05 ./a.out stat.c
user id : 1002
group id : 1002
block size : 4096
block allocated : 8
inode no.: 2186287
last accessed : Mon Dec 2 22:48:07 2019
last modified: Mon Dec 2 14:04:13 2019
file size: 1363 bytes
no. of links : 1
permissions : -rw-rw-r--
file type : Regular
Rifudenny-pc:~/Praktikum-S0/Modul_05
```

Make a diirlist, it uses call system is readdir that has function to read a directory is structure 'dirent' it will give a pointer in next entry directory.



```
Modul_8: bash — Konsole
File Edit View Bookmarks Settings Help
Rifudenny-pc:~/Praktikum-S0/Modul_05 ./a.out /home/Rifu
public
gitkr-2.0
desktop
bash_logout
Templates
local
gnome
Music
cache
face.icon
csses
documents
pictures
.bashrc
Videos
Weatherity
.xsession-errors
face
profile
kde
..
nv
Downloads
bash_history
config
gnome
Praktikum-S0
Rifudenny-pc:~/Praktikum-S0/Modul_05 ./a.out /home/Rifu/Praktikum-S0
git
Modul_X_161.pdf
..
README.md
Modul_8
Modul_X_161.pdf
Rifudenny-pc:~/Praktikum-S0/Modul_05 ./a.out /home/Rifu/Praktikum-S0/Modul_8
fork.c
Fork
fork.c.save
a.out
diirlist.c
exec.c
wait
stat.c
wait.c
..
Rifudenny-pc:~/Praktikum-S0/Modul_05 ls
a.out diirlist.c exec.c fork fork.c fork.c.save stat.c wait wait.c
Rifudenny-pc:~/Praktikum-S0/Modul_05
```

