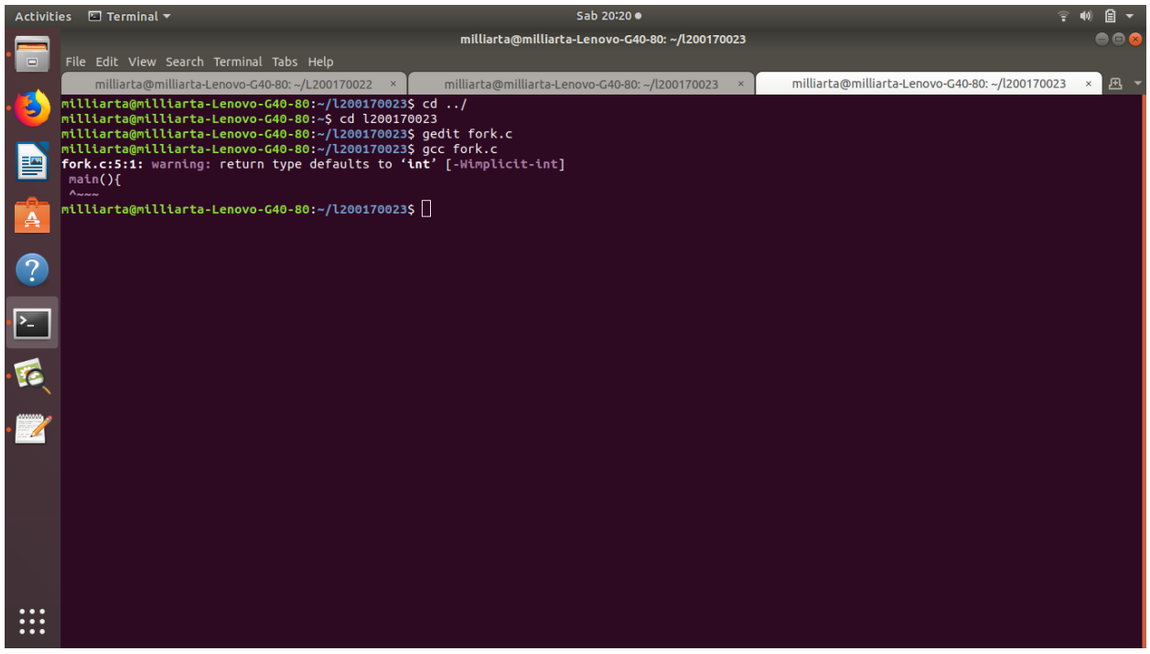
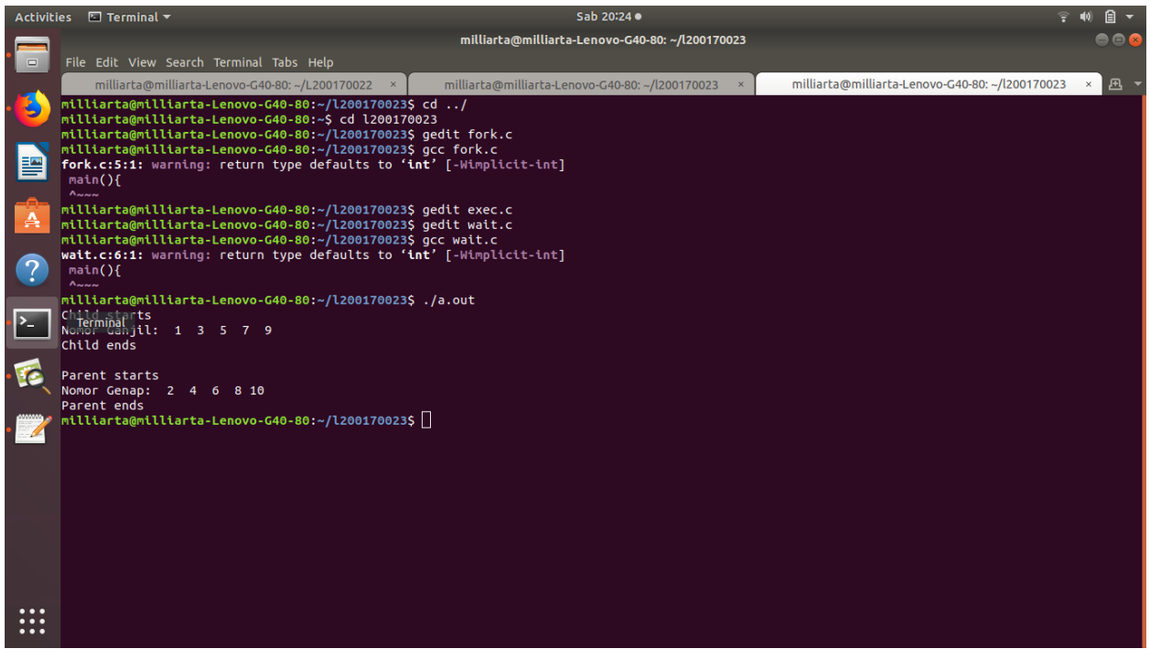
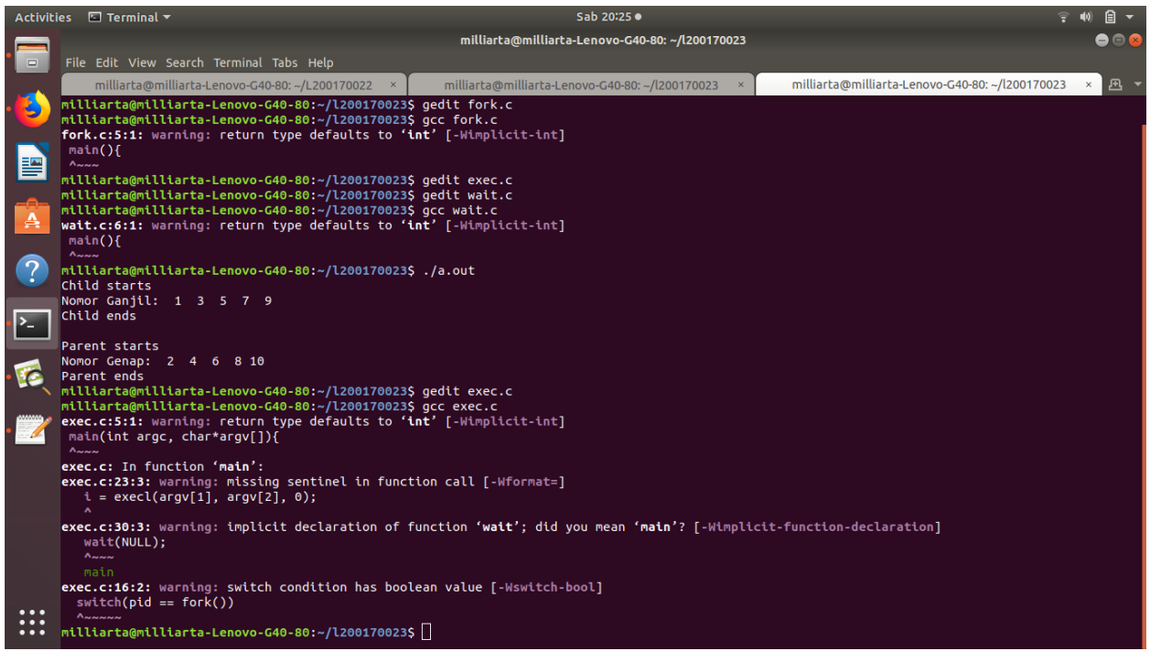
LAPORAN PRAKTIKUM
SISTEM OPERASI

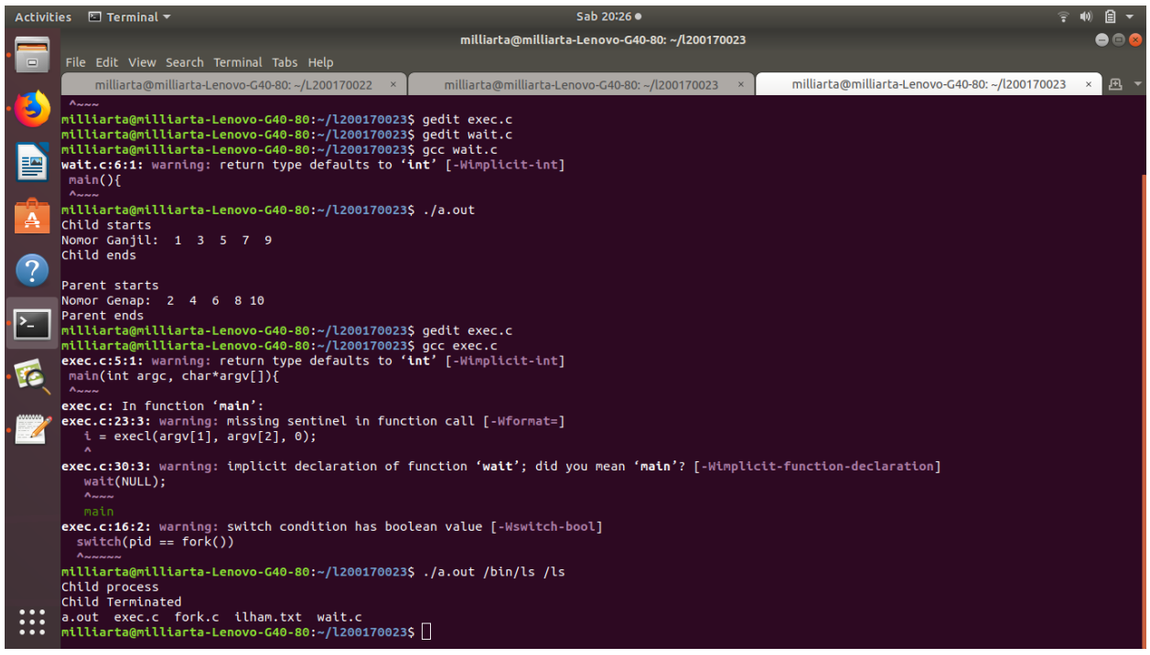
Nama : **Ilham Athur Bayu W**
NIM : **L200170023**
Kelas : **B**

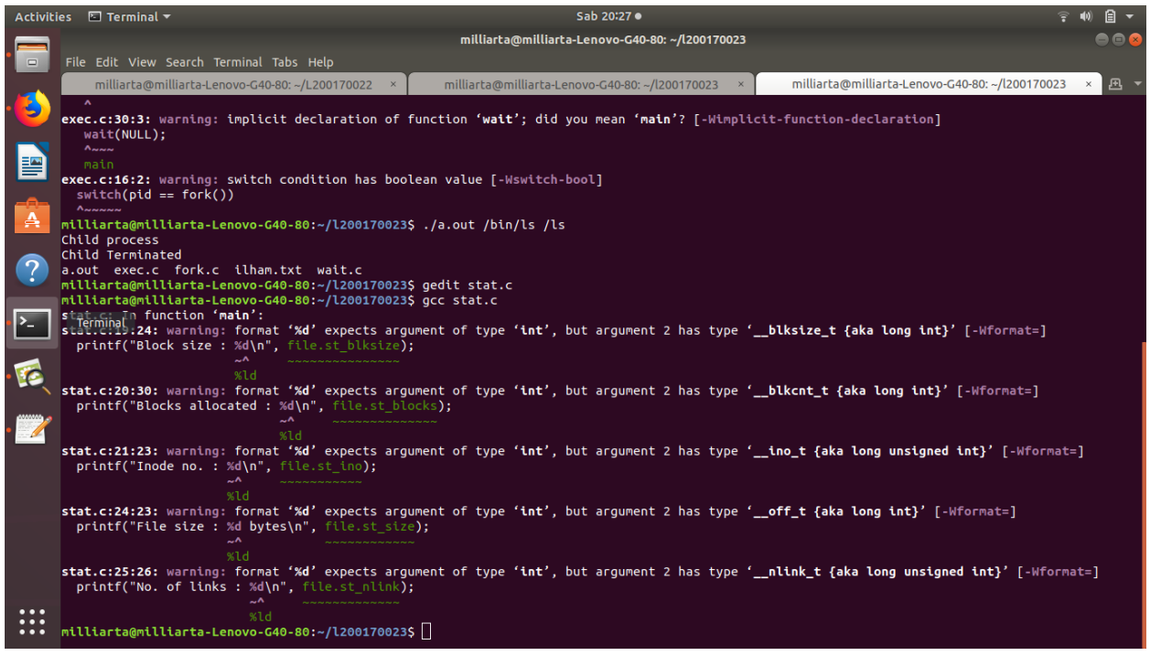
MODUL 8

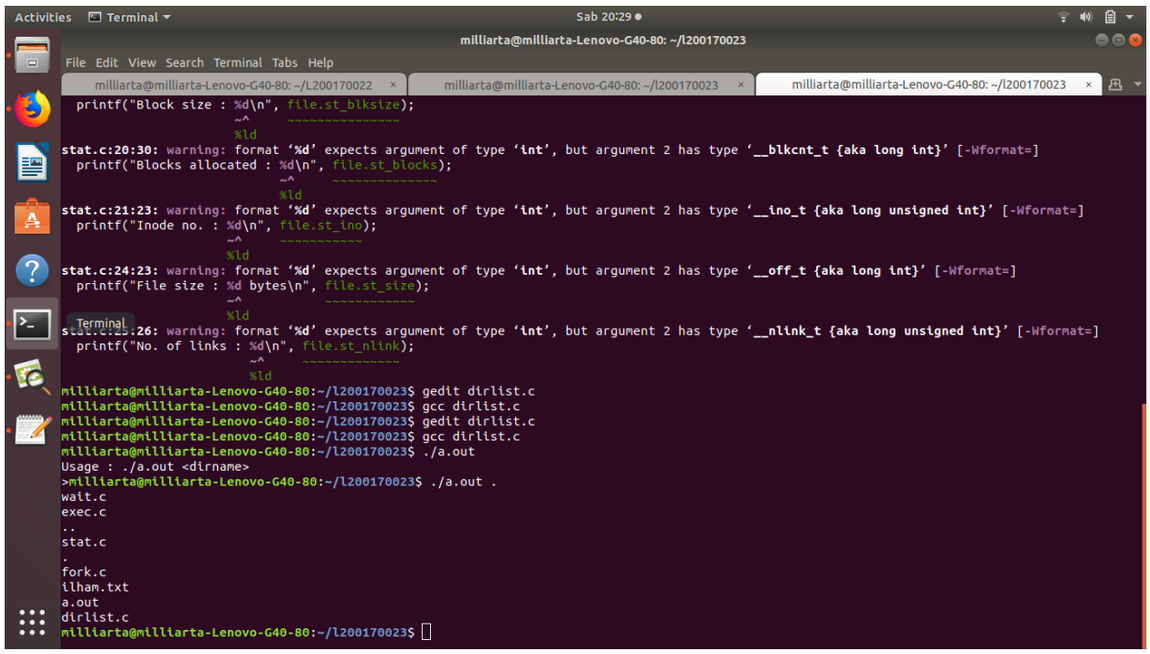





Activities
Terminal
Sab 20:25
milliarta@milliarta-Lenovo-G40-80: ~/l200170023
File Edit View Search Terminal Tabs Help
milliarta@milliarta-Lenovo-G40-80: ~/L200170022
milliarta@milliarta-Lenovo-G40-80: ~/l200170023
milliarta@milliarta-Lenovo-G40-80: ~/l200170023
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gedit fork.c
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gcc fork.c
fork.c:5:1: warning: return type defaults to 'int' [-Wimplicit-int]
main(){
^~~~
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gedit exec.c
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gedit wait.c
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gcc wait.c
wait.c:6:1: warning: return type defaults to 'int' [-Wimplicit-int]
main(){
^~~~
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ ./a.out
Child starts
Nomor Ganjil: 1 3 5 7 9
Child ends
Parent starts
Nomor Genap: 2 4 6 8 10
Parent ends
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gedit exec.c
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gcc exec.c
exec.c:5:1: warning: return type defaults to 'int' [-Wimplicit-int]
main(int argc, char*argv[]){
^~~~
exec.c: In function 'main':
exec.c:23:3: warning: missing sentinel in function call [-Wformat=]
i = execl(argv[1], argv[2], 0);
^
exec.c:30:3: warning: implicit declaration of function 'wait'; did you mean 'main'? [-Wimplicit-function-declaration]
wait(NULL);
^~~~
main
exec.c:16:2: warning: switch condition has boolean value [-Wswitch-bool]
switch(pid == fork())
^~~~~~
milliarta@milliarta-Lenovo-G40-80:~/l200170023$


Activities
Terminal
Sab 20:26
milliarta@milliarta-Lenovo-G40-80: ~/l200170023
File Edit View Search Terminal Tabs Help
milliarta@milliarta-Lenovo-G40-80: ~/L200170022
milliarta@milliarta-Lenovo-G40-80: ~/l200170023
milliarta@milliarta-Lenovo-G40-80: ~/l200170023
^~~~
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gedit exec.c
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gedit wait.c
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gcc wait.c
wait.c:6:1: warning: return type defaults to 'int' [-Wimplicit-int]
main(){
^~~~
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ ./a.out
Child starts
Nomor Ganjil: 1 3 5 7 9
Child ends
Parent starts
Nomor Genap: 2 4 6 8 10
Parent ends
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gedit exec.c
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gcc exec.c
exec.c:5:1: warning: return type defaults to 'int' [-Wimplicit-int]
main(int argc, char*argv[]){
^~~~
exec.c: In function 'main':
exec.c:23:3: warning: missing sentinel in function call [-Wformat=]
i = execl(argv[1], argv[2], 0);
^
exec.c:30:3: warning: implicit declaration of function 'wait'; did you mean 'main'? [-Wimplicit-function-declaration]
wait(NULL);
^~~~
main
exec.c:16:2: warning: switch condition has boolean value [-Wswitch-bool]
switch(pid == fork())
^~~~~~
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ ./a.out /bin/ls /ls
Child process
Child Terminated
a.out exec.c fork.c ilham.txt wait.c
milliarta@milliarta-Lenovo-G40-80:~/l200170023$


Activities
Terminal
Sab 20:27
milliarta@milliarta-Lenovo-G40-80: ~/l200170023
File Edit View Search Terminal Tabs Help
milliarta@milliarta-Lenovo-G40-80: ~/L200170022
milliarta@milliarta-Lenovo-G40-80: ~/l200170023
milliarta@milliarta-Lenovo-G40-80: ~/l200170023
^
exec.c:30:3: warning: implicit declaration of function 'wait'; did you mean 'main'? [-Wimplicit-function-declaration]
wait(NULL);
^~~~
main
exec.c:16:2: warning: switch condition has boolean value [-Wswitch-bool]
switch(pid == fork())
^~~~~~
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ ./a.out /bin/ls /ls
Child process
Child Terminated
a.out exec.c fork.c ilham.txt wait.c
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gedit stat.c
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gcc stat.c
stat.c: In function 'main':
stat.c:15:24: 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);
~^ ~~~~~~~~~~~~~~~
%ld
stat.c:20:30: 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:21:23: 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);
~^ ~~~~~~~~~~~~
%ld
stat.c:24:23: 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: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);
~^ ~~~~~~~~~~~~~
%ld
milliarta@milliarta-Lenovo-G40-80:~/l200170023$


Activities
Terminal
Sab 20:29
milliarta@milliarta-Lenovo-G40-80: ~/l200170023
File Edit View Search Terminal Tabs Help
milliarta@milliarta-Lenovo-G40-80: ~/L200170022
milliarta@milliarta-Lenovo-G40-80: ~/l200170023
milliarta@milliarta-Lenovo-G40-80: ~/l200170023
printf("Block size : %d\n", file.st_blksize);
%ld
stat.c:20:30: 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:21:23: 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);
%ld
stat.c:24:23: 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: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);
%ld
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gedit dirlist.c
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gcc dirlist.c
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gedit dirlist.c
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ gcc dirlist.c
milliarta@milliarta-Lenovo-G40-80:~/l200170023$ ./a.out
Usage : ./a.out <dirname>
>milliarta@milliarta-Lenovo-G40-80:~/l200170023$ ./a.out .
wait.c
exec.c
..
stat.c
.
fork.c
ilham.txt
a.out
dirlist.c
milliarta@milliarta-Lenovo-G40-80:~/l200170023$