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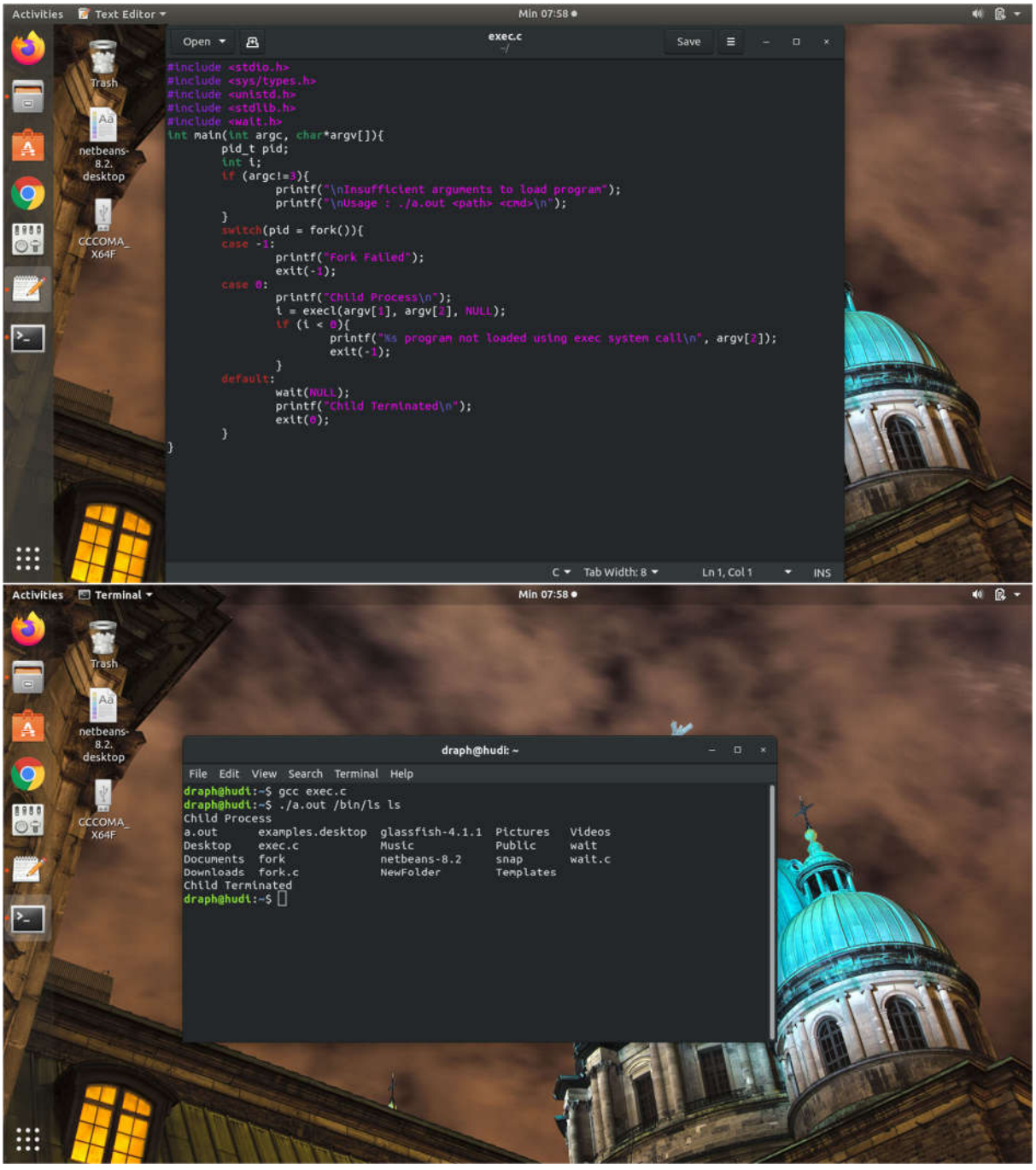
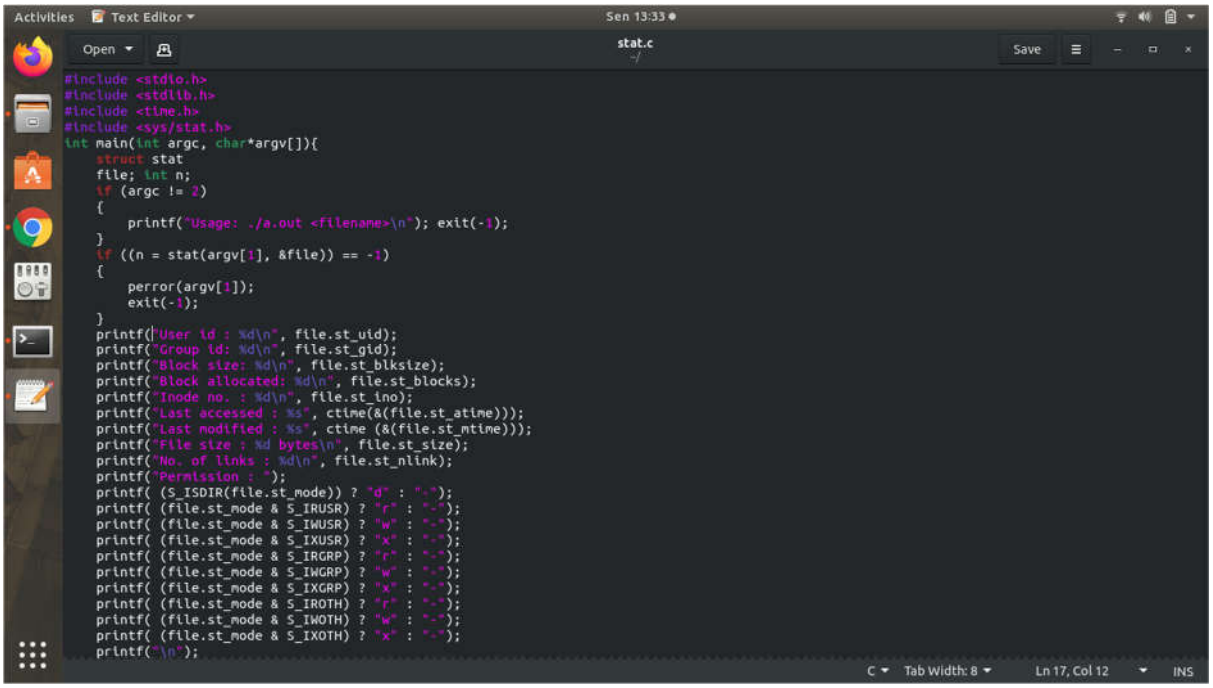
NIM : L200180128

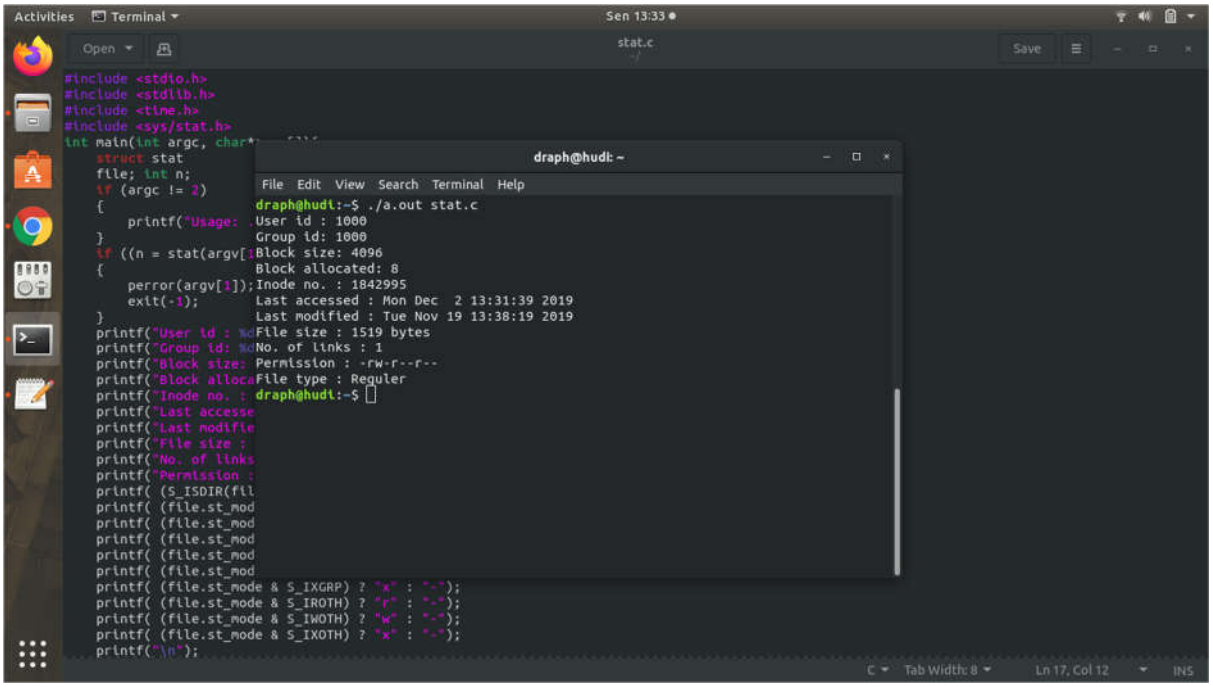
Modul 8

Exec.c

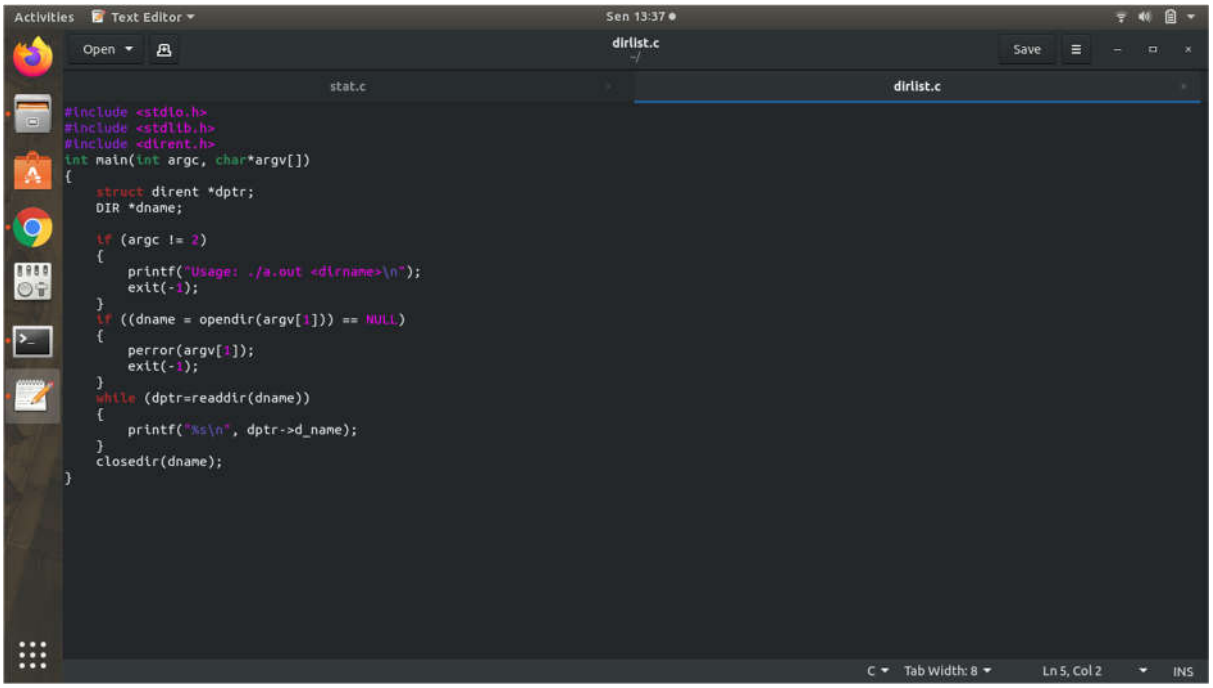


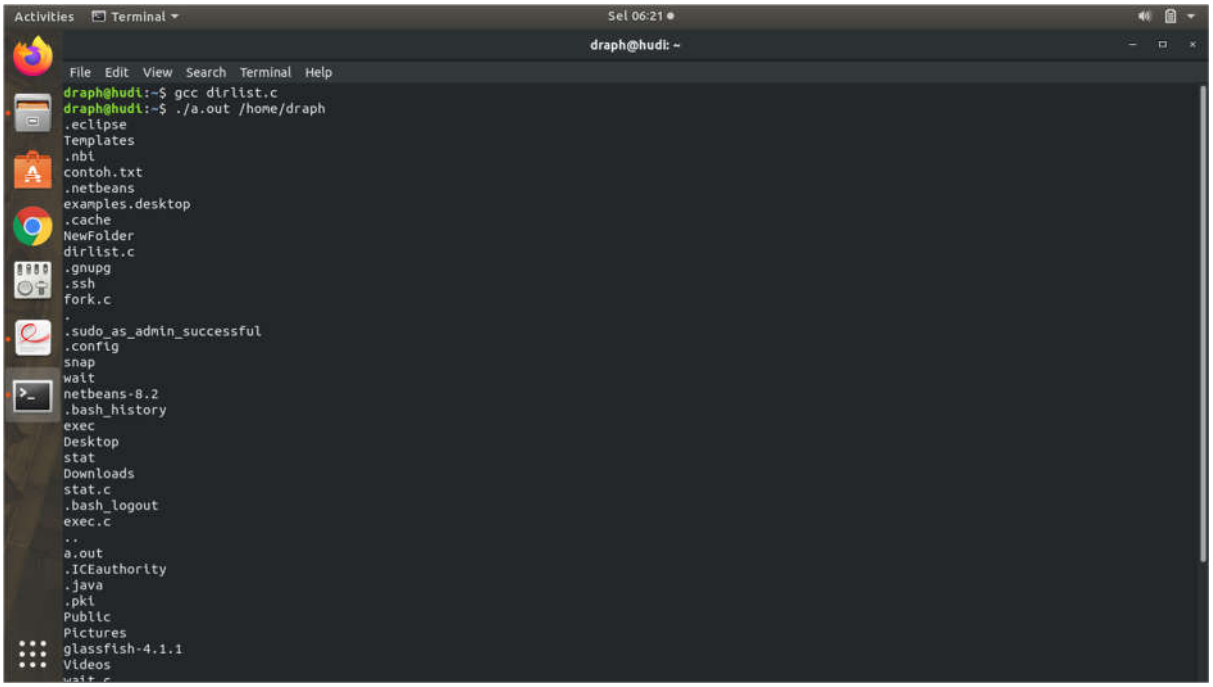
Stat.c


Activities
Text Editor
Sen 13:33
Open
stat.c
Save
#include <stdio.h>
#include <stdlib.h>
#include <time.h>
#include <sys/stat.h>
int main(int argc, char*argv[]){
struct stat
file; int n;
if (argc != 2)
{
printf("Usage: ./a.out <filename>\n"); exit(-1);
}
if ((n = stat(argv[1], &file)) == -1)
{
perror(argv[1]);
exit(-1);
}
printf("User id : %d\n", file.st_uid);
printf("Group id: %d\n", file.st_gid);
printf("Block size: %d\n", file.st_blksize);
printf("Block allocated: %d\n", file.st_blocks);
printf("Inode no. : %d\n", file.st_ino);
printf("Last accessed : %s", ctime(&(file.st_atime)));
printf("Last modified : %s", ctime (&(file.st_mtime)));
printf("File size : %d bytes\n", file.st_size);
printf("No. of links : %d\n", file.st_nlink);
printf("Permission : ");
printf((S_ISDIR(file.st_mode)) ? "d" : "-");
printf((file.st_mode & S_IRUSR) ? "r" : "-");
printf((file.st_mode & S_IWUSR) ? "w" : "-");
printf((file.st_mode & S_IXUSR) ? "x" : "-");
printf((file.st_mode & S_IRGRP) ? "r" : "-");
printf((file.st_mode & S_IWGRP) ? "w" : "-");
printf((file.st_mode & S_IXGRP) ? "x" : "-");
printf((file.st_mode & S_IROTH) ? "r" : "-");
printf((file.st_mode & S_IWOTH) ? "w" : "-");
printf((file.st_mode & S_IXOTH) ? "x" : "-");
printf("\n");
C
Tab Width: 8
Ln 17, Col 12
INS


Activities
Terminal
Sen 13:33
Open
stat.c
Save
draph@hudi: ~
File Edit View Search Terminal Help
draph@hudi:~$ ./a.out stat.c
User id : 1000
Group id: 1000
Block size: 4096
Block allocated: 8
Inode no. : 1842995
Last accessed : Mon Dec 2 13:31:39 2019
Last modified : Tue Nov 19 13:38:19 2019
File size : 1519 bytes
No. of links : 1
Permission : -rw-r--r--
File type : Reguler
draph@hudi:~$
C
Tab Width: 8
Ln 17, Col 12
INS

Dirlist.c


Activities
Text Editor
Sen 13:37
Open
dirlist.c
~/
Save
stat.c
dirlist.c
#include <stdio.h>
#include <stdlib.h>
#include <dirent.h>
int main(int argc, char*argv[])
{
struct dirent *dptr;
DIR *dname;
if (argc != 2)
{
printf("Usage: ./a.out <dirname>\n");
exit(-1);
}
if ((dname = opendir(argv[1])) == NULL)
{
perror(argv[1]);
exit(-1);
}
while (dptr=readdir(dname))
{
printf("%s\n", dptr->d_name);
}
closedir(dname);
}
C
Tab Width: 8
Ln 5, Col 2
INS


Activities
Terminal
Sel 06:21
draph@hudi: ~
File Edit View Search Terminal Help
draph@hudi:~$ gcc dirlist.c
draph@hudi:~$ ./a.out /home/draph
.eclipse
Templates
.nbi
contoh.txt
.netbeans
examples.desktop
.cache
NewFolder
dirlist.c
.gnupg
.ssh
fork.c
.
.sudo_as_admin_successful
.config
snap
wait
netbeans-8.2
.bash_history
exec
Desktop
stat
Downloads
stat.c
.bash_logout
exec.c
..
a.out
.ICEauthority
.java
.pki
Public
Pictures
glassfish-4.1.1
Videos