PRAKTIKUM SISTEM OPERASI

MODUL 8: SYSTEM CALL

Penyusun:

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Mata Kuliah	**:**	**Praktikum Sistem Operasi**
Program Studi	**:**	**Informatika**

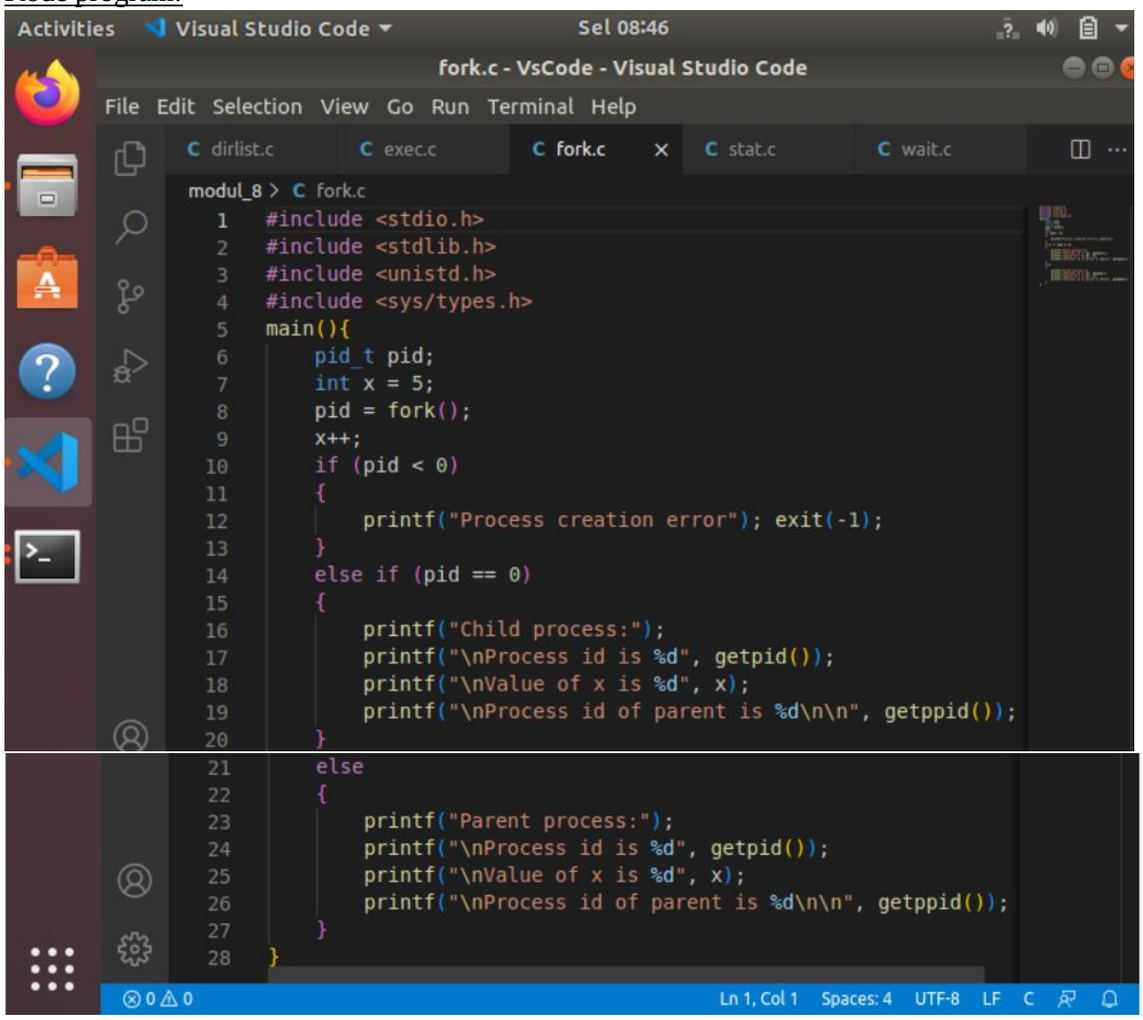
PROGRAM STUDI TEKNIK INFORMATIKA

FAKULTAS KOMUNIKASI DAN INFORMATIKA

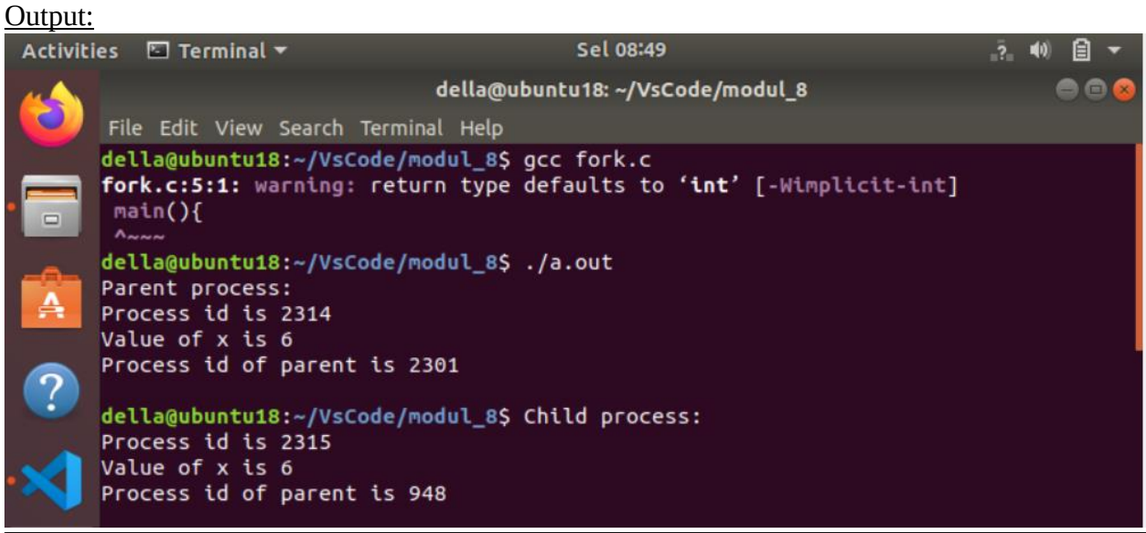
UNIVERSITAS MUHAMMADIYAH SURAKARTA 2022

1. Membuat sebuah ‘child process’ (proses baru) dengan menggunakan system call ‘fork’

Kode program:

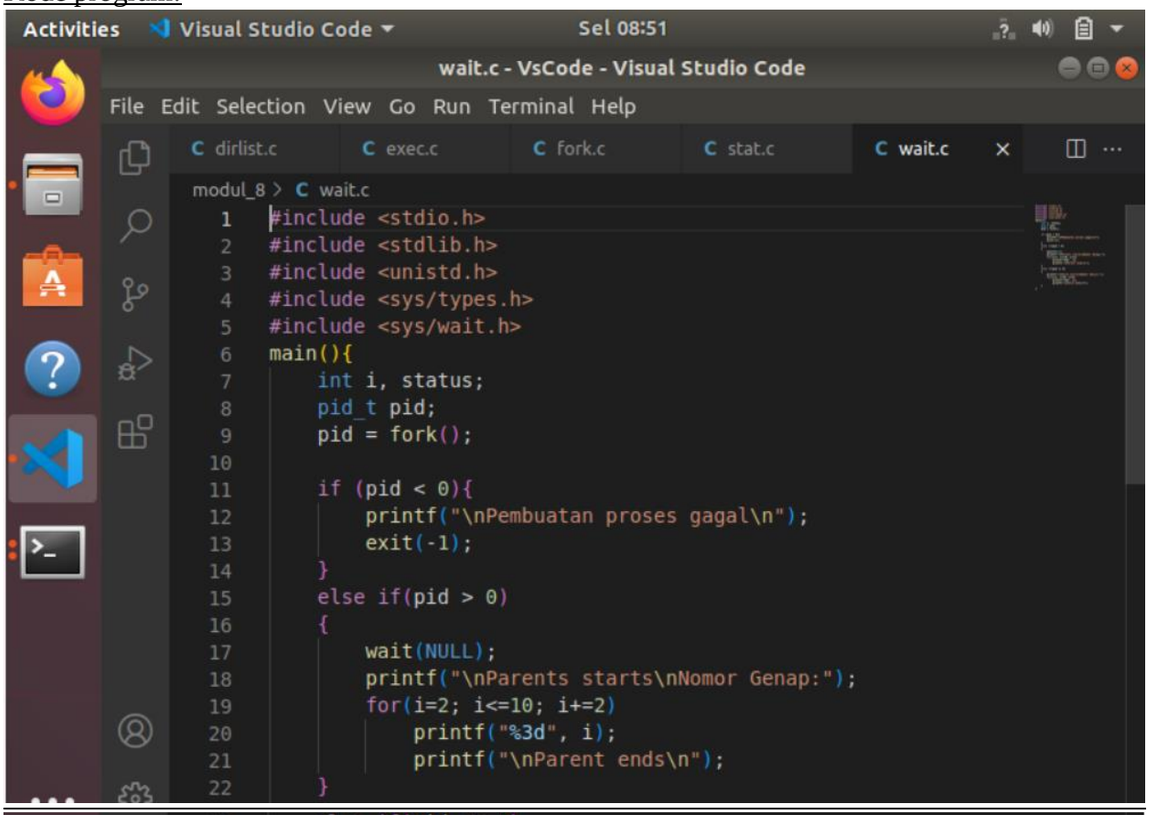


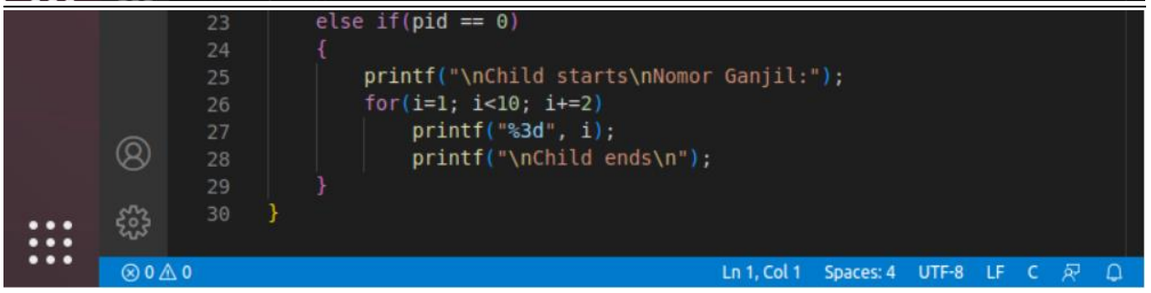
Output:



2. Menghentikan sementara (block) proses parent sampai dengan proses child selesai, menggunakan perintah system call ‘wait’

Kode program:

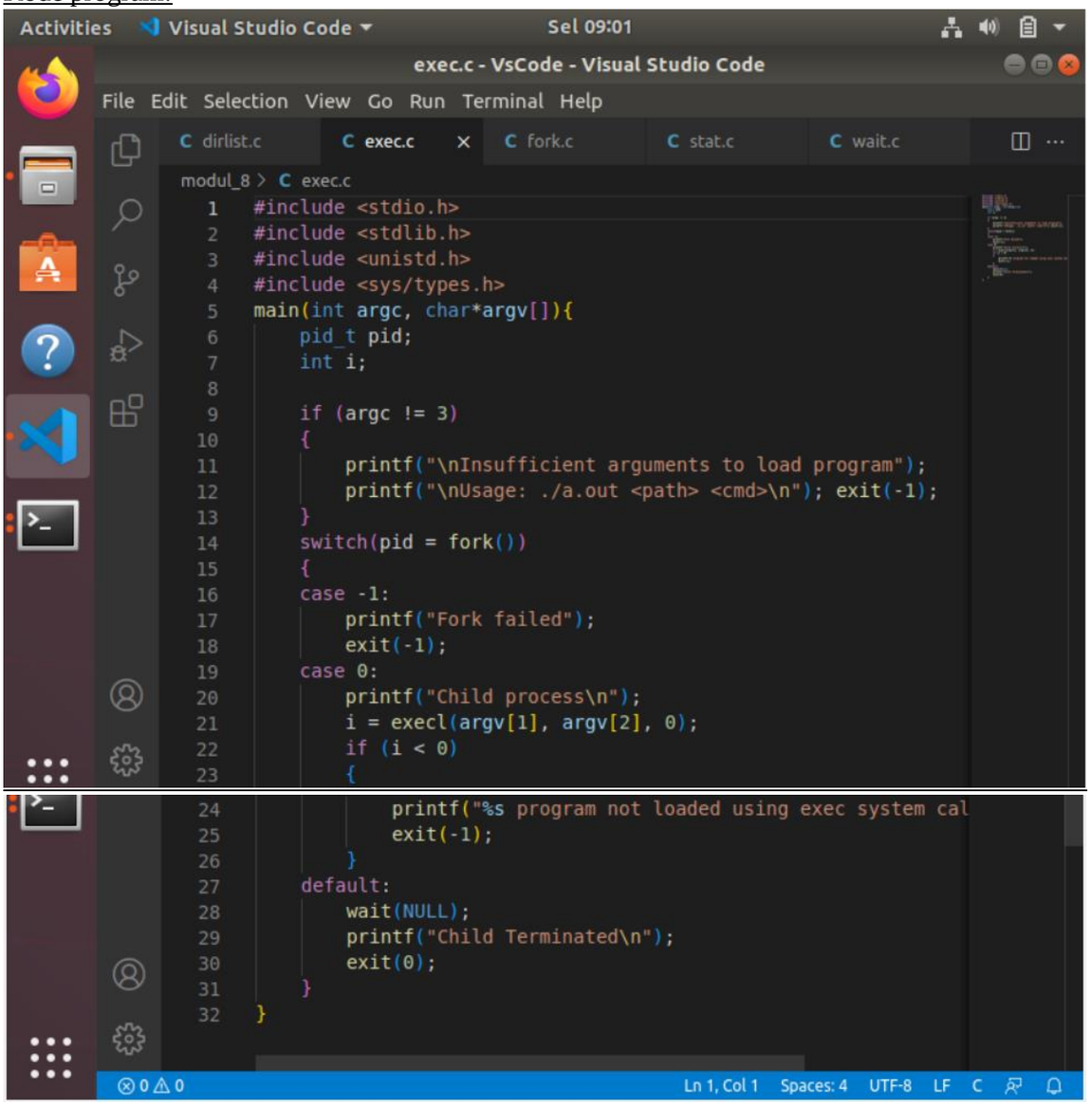




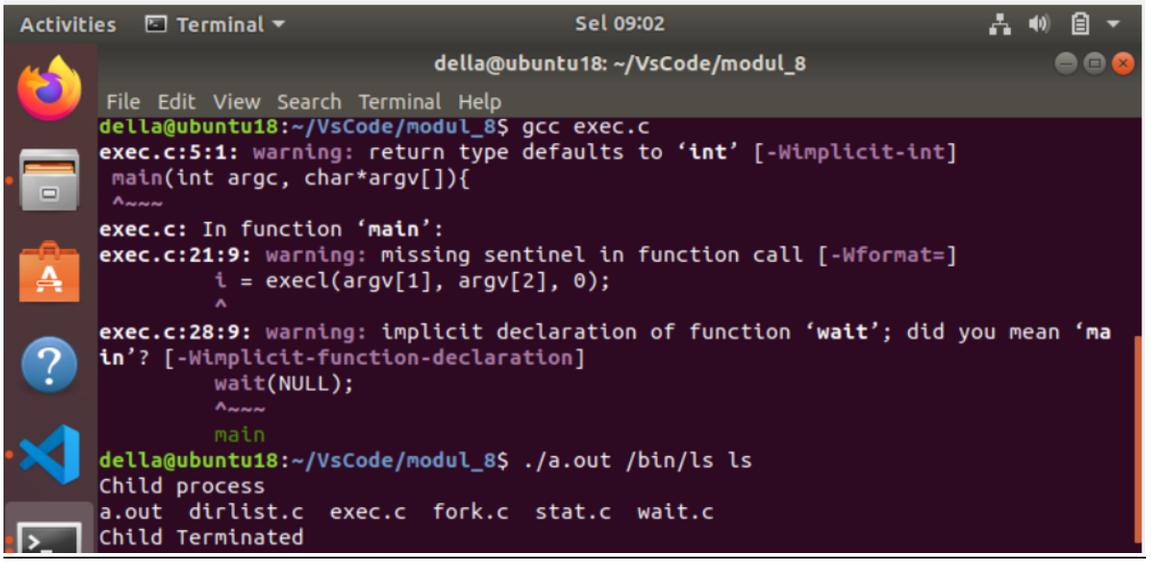
Output:

3. Loading program yang dapat di eksekusi dalam sebuah ‘child’ proses menggunakan perintah system call ‘exec’

Kode program:

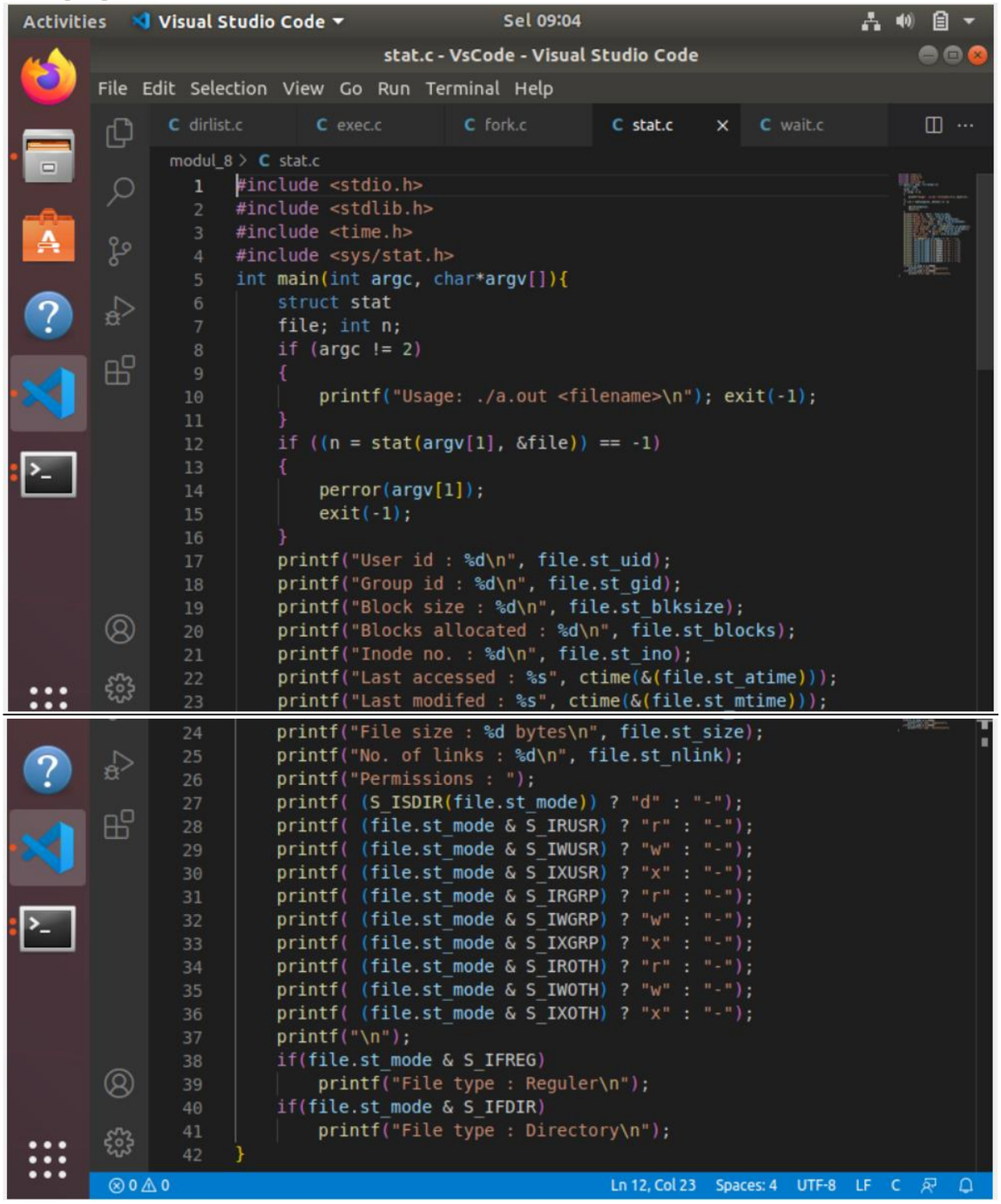


Output:

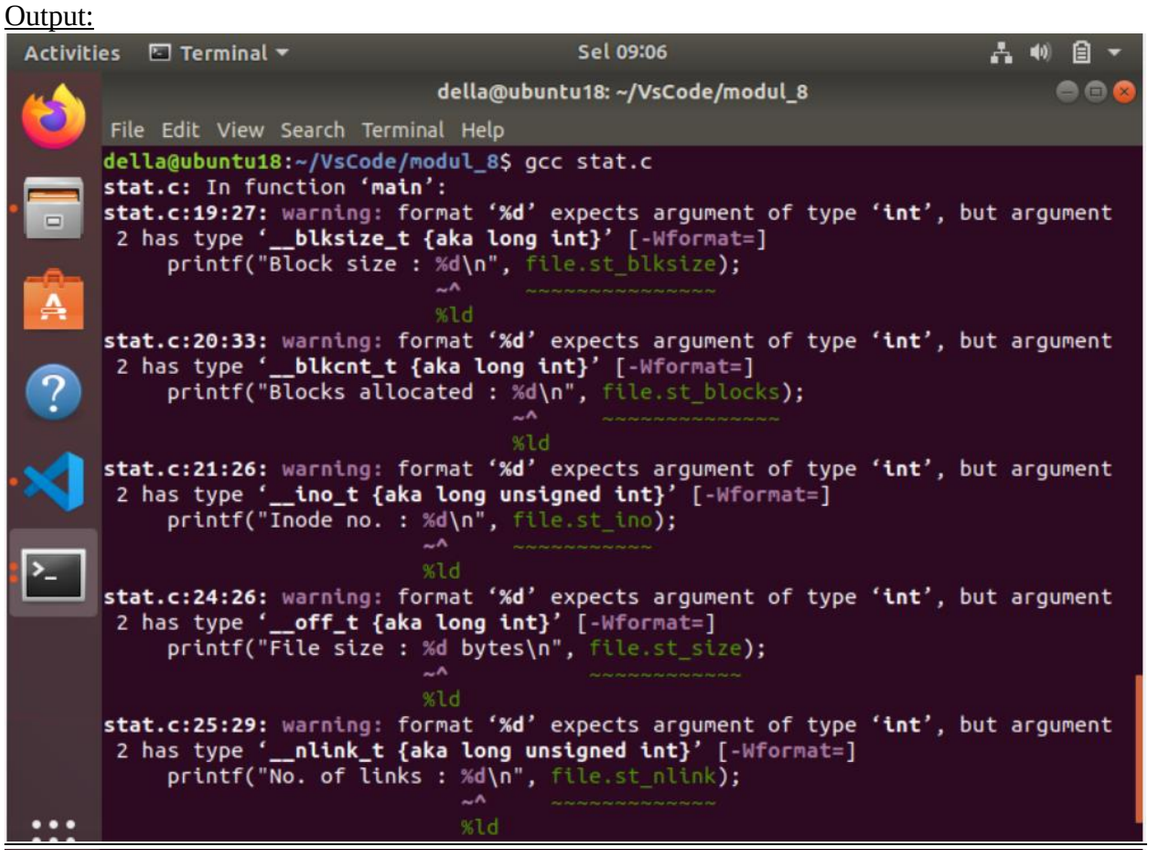


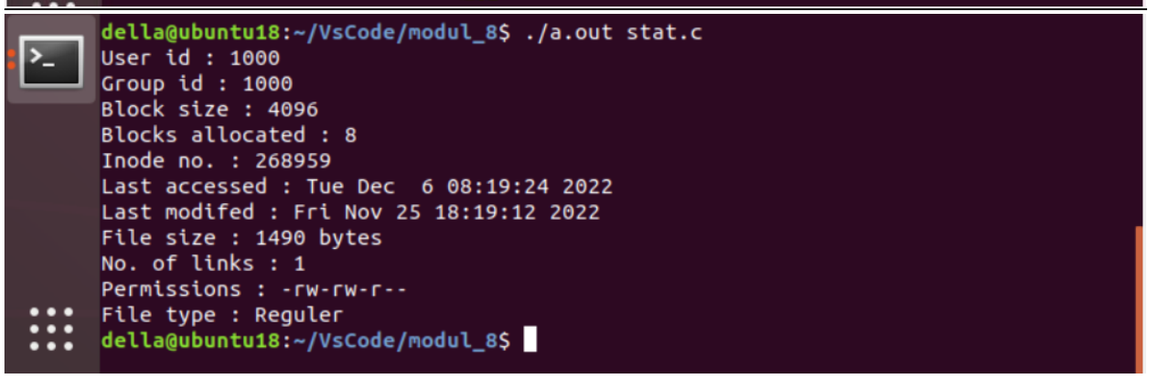
4. Menampilkan status file menggunakan perintah system call ‘stat’

Kode program:



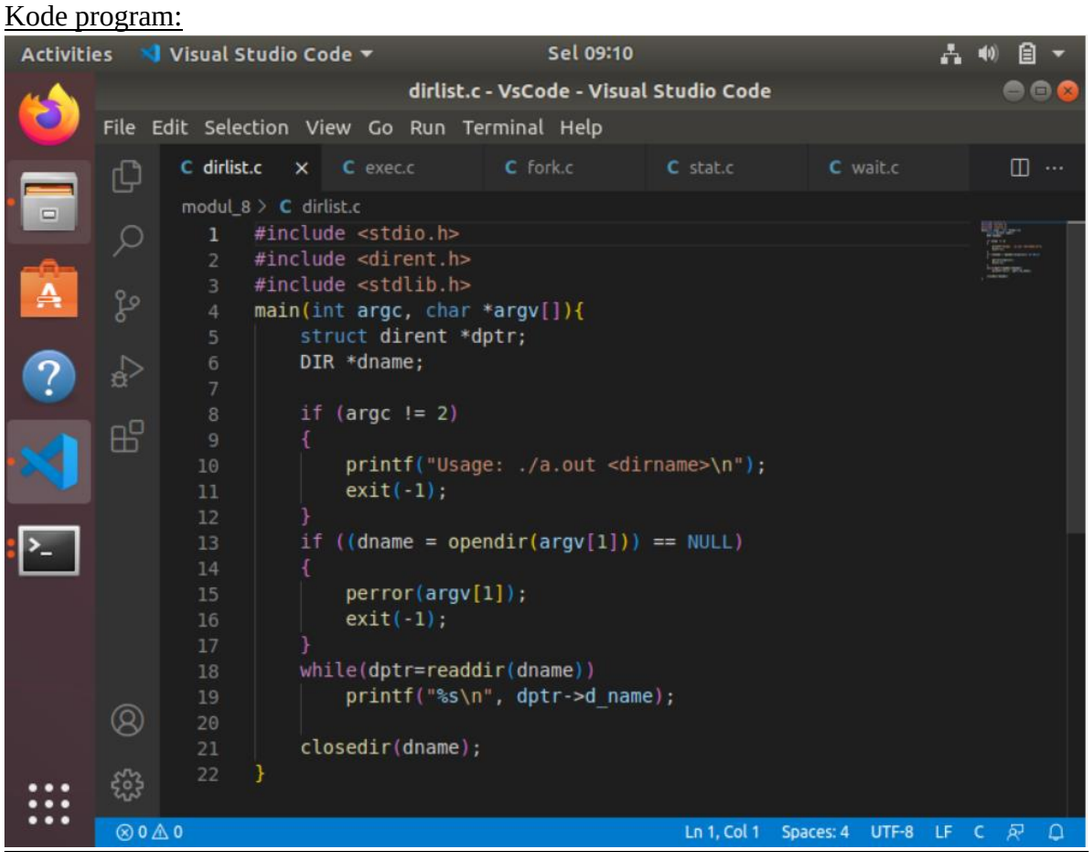
Output:



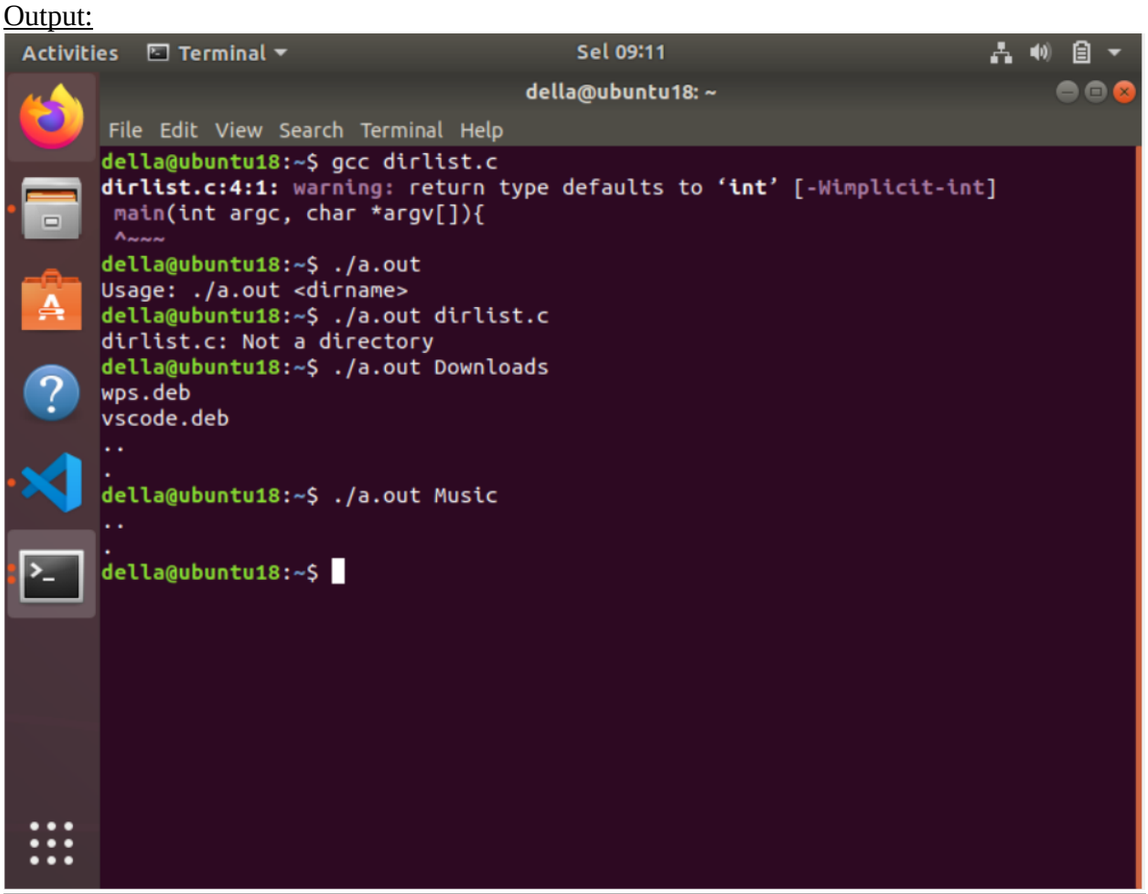


5. Menampilkan isi direktori menggunakan perintah system call ‘readdir’

Kode program:



Output:


Activities
Terminal
Sel 09:11
della@ubuntu18: ~
File Edit View Search Terminal Help
della@ubuntu18:~$ gcc dirlist.c
dirlist.c:4:1: warning: return type defaults to 'int' [-Wimplicit-int]
main(int argc, char *argv[]){
della@ubuntu18:~$ ./a.out
Usage: ./a.out <dirname>
della@ubuntu18:~$ ./a.out dirlist.c
dirlist.c: Not a directory
della@ubuntu18:~$ ./a.out Downloads
wps.deb
vscode.deb
..
.
della@ubuntu18:~$ ./a.out Music
..
.
della@ubuntu18:~$