## LAPORAN PRAKTIKUM

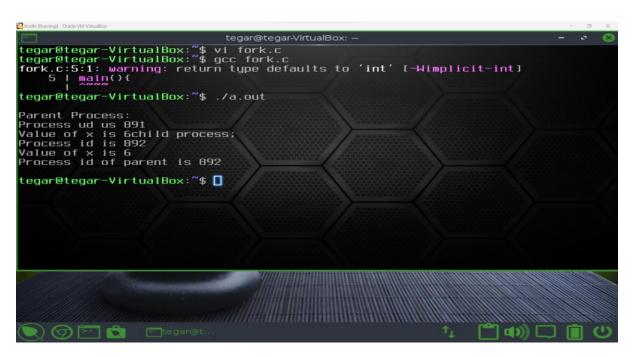


# **DISUSUN OLEH:**

Tegar Wisnu Noviyanto L200210247

# TEKNIK INFORMATIKA FAKULTAS KOMUNIKASI DAN INFORMATIKA UNIVERSITAS MUHAMMADIYAH SURAKARTA 2022/2023

### 1. Fork.c



### 2. exec.c

```
tegar@tegar-VirtualBox: ~
#include (stdio.h)
#include (sys/types.h)
#include (unistd.h)
#include (stdlib.h)
main(int argc, char*argv[]){
            pid_t pid;
int i;
             if (argc != 3)
                         printf("\nlnsufficient arguments to load program");
printf("\nUnsage: ./a.out<path><cmd>\n"); exit(-1);
             switch(pid = fork())
            case -1:
                         printf("Fork Failed");
exit (-1);
            case -0:
                         printf("Child process\n");
i = execl(argv[1], argv[2], 0);
if (i < 0)</pre>
                                      printf("%s program not loaded using exec system call\n,
argc[21");
                                                                                                                      Тор
            default:
                         wait(NULL);
printf("Child Terminated\n");
exit(0);
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```

### 3. Stat.c

```
tegar@tegar-VirtualBox: -
XIII
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stat.c:20:30: warning: format '%d' expects argument of type 'int', but argument
2 has type '__blkcnt_t' {aka 'long int'} [-Wformat=]
20 | printf("Blocks allocated : %d\n", file.st_blocks);
int
Zld
                                                                 _ino_t {aka long unsigned int}
stat.c:22:9: warning: unknown secape sequence: '\s'
22 | printf("last accessed : %d\s",ctime(&(file.st_atime)));
stat.c:22:27: warning: format '%d' expects argument of type 'int', but argument
2 has type 'char *' [-Wformat=]
22 | printf("last accessed : %d\s",ctime(&(file.st_atime)));
                                                      I I
int char *
stat.c:23:9: warning: unknown escape sequence: '\s'
23 | printf("last modified : %d\s",ctime(&(file.st_mtime)));
    23 | printf("last modified : %d\s",ctime(&(file.st_mtime)));
stat.c:23:27: warning: format '%d' expects argument of type 'int', but argument
2 has type 'char *'[-Wformat=]
23 | printf("last modified : %d\s",ctime(&(file.st_mtime)));
                                                            char *
Int char *
| Xs
| stat.c:24:23: warning: format '%d' expects argument of type 'int', but argument
| 2 has type '__off_t' {aka 'long int'} [-Wformat=1 | 24 | printf("File size : %d bytes\n", file.st size);
                                                                     l
__off_t {aka long int}
int __off_t {aka long int}

// ld

stat.c:25:27: warning: format '%d' expects argument of type 'int', but argument

2 has type '__nlink_t' {aka 'long unsigned int'} [-Wformat=]

25 | printf("No. of links : %d\n", file.st_nlink);
int ___nlink_t {aka long unsigned int}

stat.c:37:2: warning: implicit declaration of function 'print'; did you mean 'p

37 | print("\n");
| printf
/usr/bin/ld: /tmp/ccW7mFOu.o: in function `main':
stat.c:(.text+0x35f): undefined reference to
                                                                                                            print'
       lect2: error: ld returned 1 exit status
```

### 4. Dirlist.c