Nama : Resky Budi Nugroho

NIM : L200180018

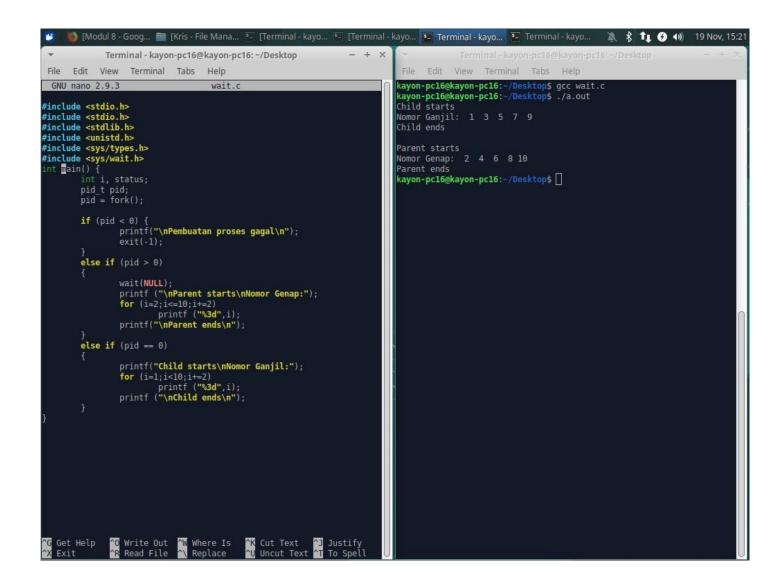
Kelas : A

MODUL 8

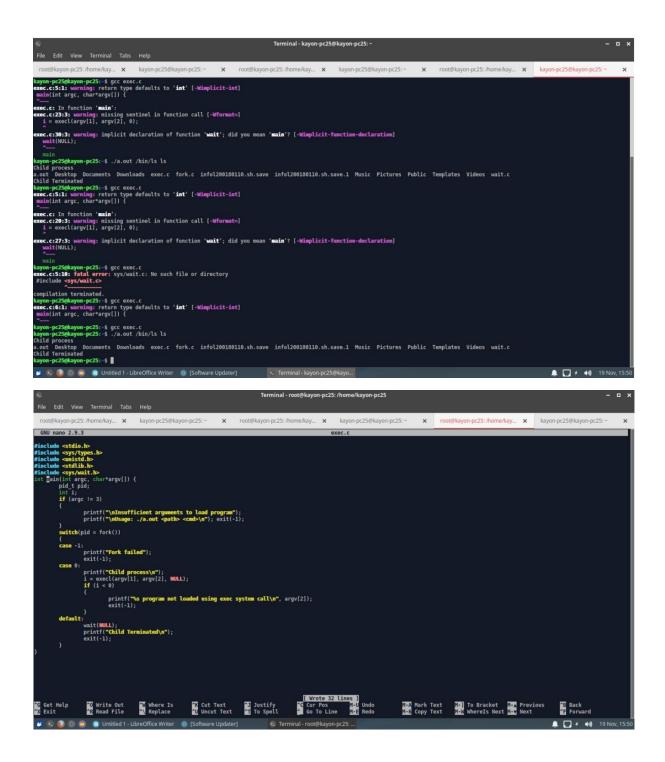
1. Membuat child "Child Process" dengan menggunakan System Call "Fork"

```
Terminal - kayon-pc16@kay...
Terminal - kayon-pc16@kay...
$ 11 69 40
19 Nov, 15:00
       [My Drive - Google Drive - ... 🔞 [Software Updater]
                                                                                                                                   Terminal - kayon-pc16@kayon-pc16: ~/Desktop
 File Edit View Terminal Tabs Help
                                                                                                                File Edit View Terminal Tabs Help
                                                                                                               fork.c:25:10: warning: too many arguments for format [-Wformat-extra-a
#include <stdio.h>]
#include <stdlib.h>
                                                                                                               kayon-pc16@kayon-pc16:-/Desktop$ gcc 'fork.c'
fork.c: In function 'main':
fork.c:19:10: warning: unknown escape sequence: '\P'
    printf("\Process id of parent is %d\n\n", getppid());
#include <unistd.h>
#include <sys/types.h>
 nt main()
           pid t pid;
           int x = 5;
pid = fork();
                                                                                                               fork.c:25:27: warning: spurious trailing '%' in format [-Wformat=]
    printf("\nValue of x is %", x);
            x++;
if (pid < 0)
                                                                                                               fork.c:25:10: warning: too many arguments for format [-Wformat-extra-a
                        printf("Process creation error"); exit(-1);
                                                                                                                   printf("\nValue of x is %", x);
            else if (pid == 0)
                                                                                                               kayon-pc16@kayon-pc16:~/Desktop$ gcc fork.c
                       printf("Child process:");
printf("\nProcess id is %d", getpid());
printf("\nValue of x is %d", x);
printf("\nProcess id of parent is %d\n\n", getppid());
                                                                                                               fork.e: In function 'main':
fork.c:19:10: warning: unknown escape sequence: '\P'
    printf("\Process id of parent is %d\n\n", getppid());
                                                                                                               fork.c:25:27: warning: spurious trailing '%' in format [-Wformat=]
    printf("\nValue of x is %", x);
            else
                       printf("\nParent process:");
printf("\nProcess id is %d", getpid());
printf("\nValue of x is %d", x);
printf("\nProcess id of shell is %d\n", getppid());
                                                                                                               fork.c:25:10: warning: too many arguments for format [-Wformat-extra-a
                                                                                                                   printf("\nValue of x is %", x);
                                                                                                               kayon-pc16@kayon-pc16:~/Desktop$ gcc fork.c
fork.c: In function 'main':
                                                                                                               fork.c:19:10: warning: unknown escape sequence: '\P'
printf("\Process id of parent is %d\n\n", getppid());
                                                                                                               kayon-pc16@kayon-pc16:~/Desktop$ gcc fork.c
kayon-pc16@kayon-pc16:~/Desktop$ ./a.out
                                                                                                               Parent process:
Process id is 1537
                                                                                                               Value of x is 6
                                                                                                               Process id of shell is 1481
Child process:
                                                                                                               Process id is 1538
Value of x is 6
                    O Write Out OW Where Is
                                                               ^K Cut Text
^U Uncut Text
                                                                                    ^J Justify
^T To Spel
    Get Help
```

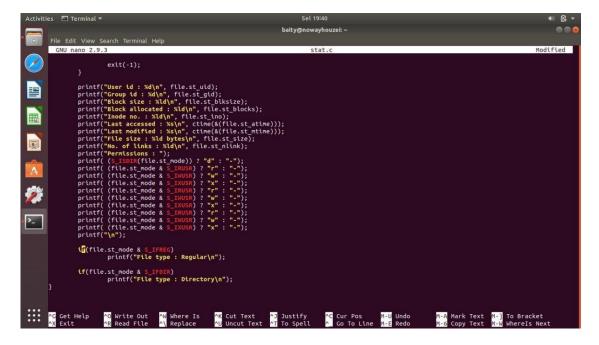
2. Menghentikan sementara (block) proses parent dengan proses child selesai, menggunakan system call "wait"

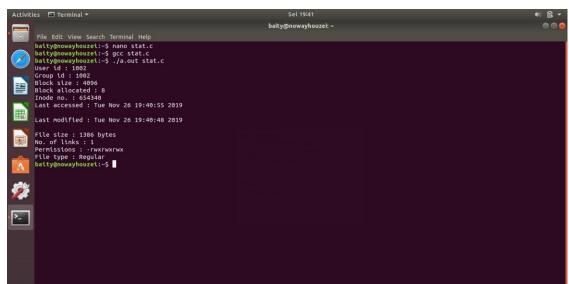


3. Loading Program yang dapat dieksekusi dalam sebuah "Child" Proses menggunakan perintah system call "exec"



4. Menambahkan status file menggunakan perintha system call "stat"





5. Menampilkan isi direktori menggunakan perintah system call "readdir"

