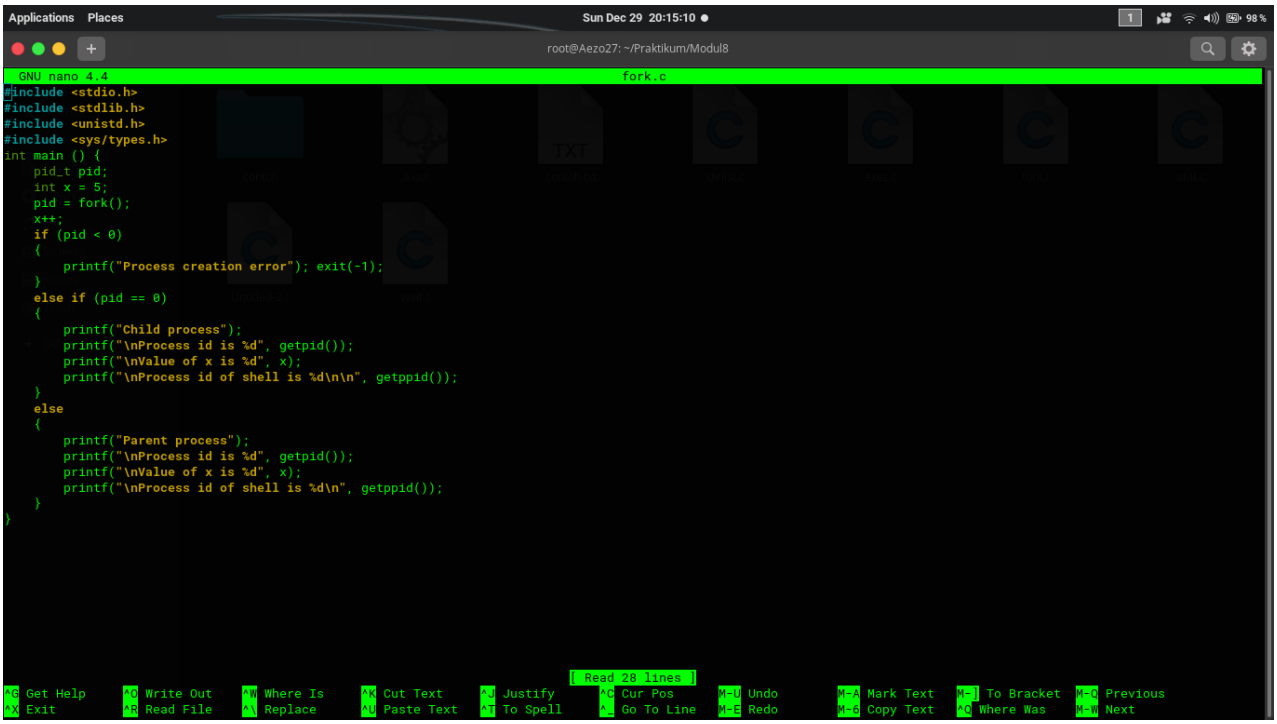
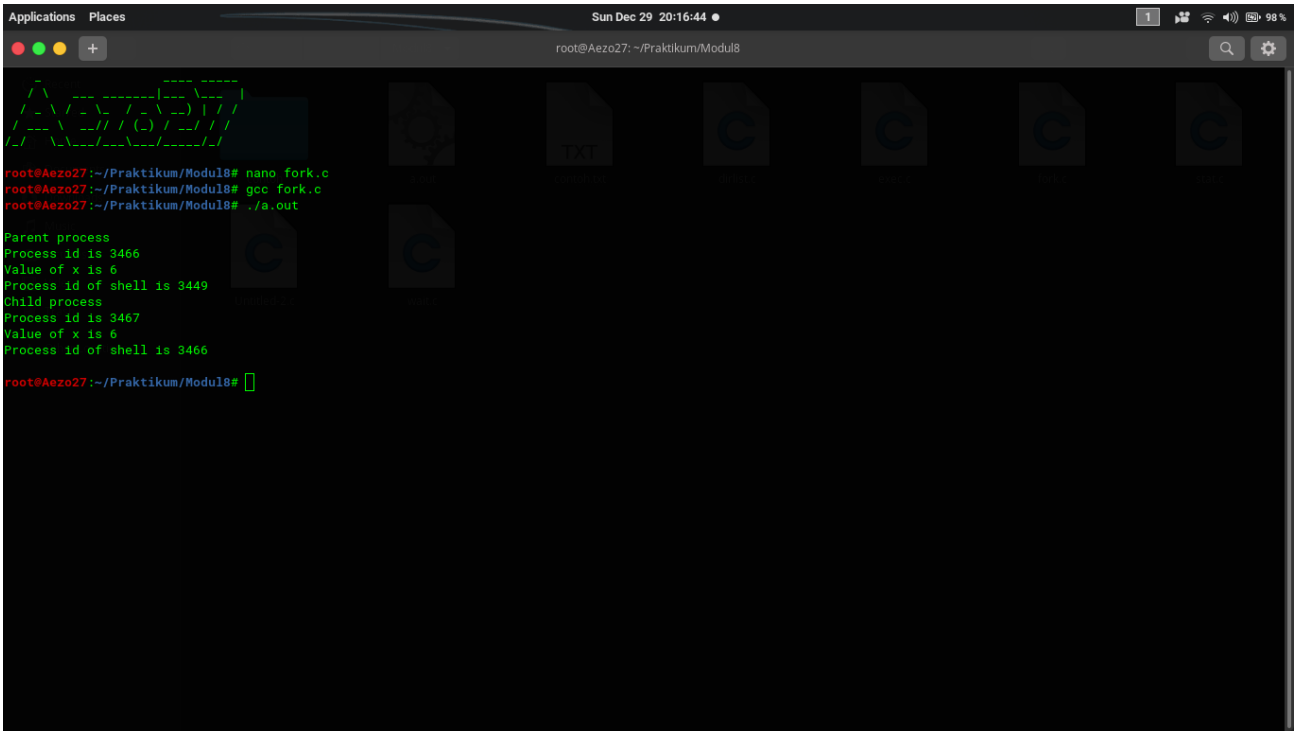
Nama : Diah Fitri Ramadhani

NIM : L200180106

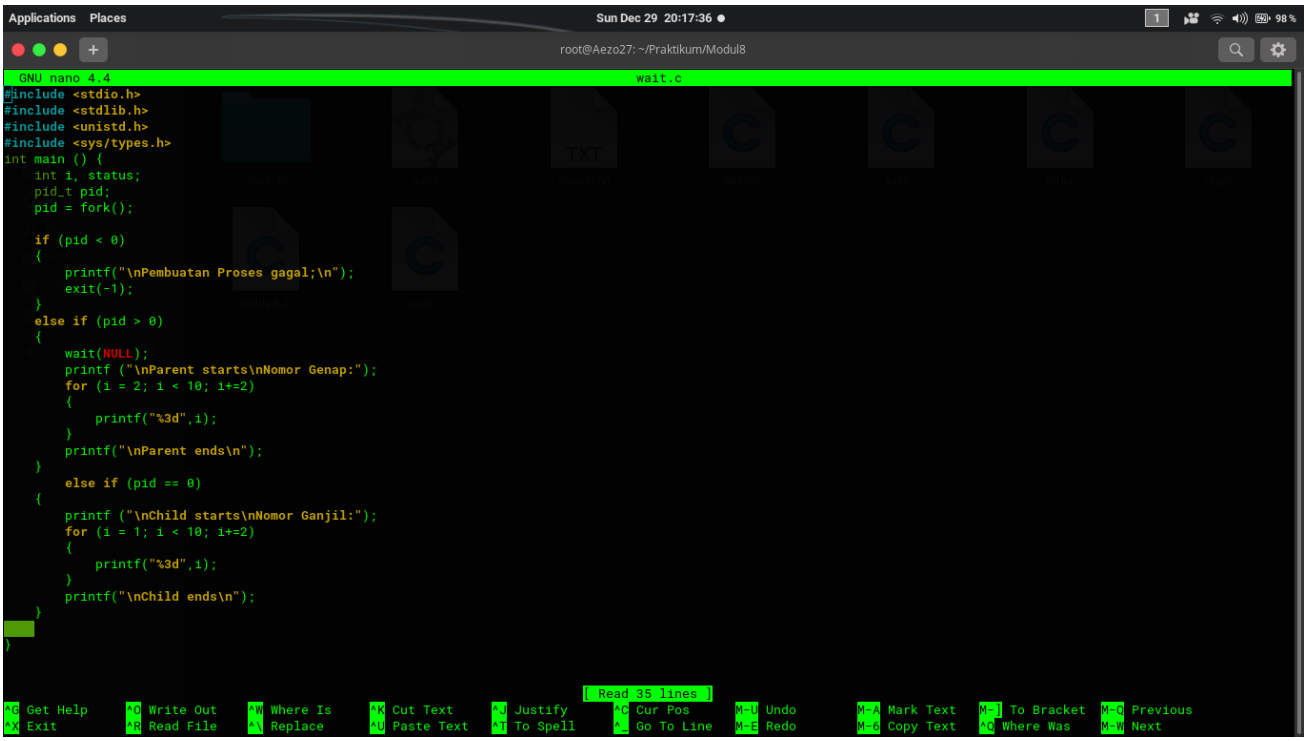
MODUL 8 (KEGIATAN 1 – 3)

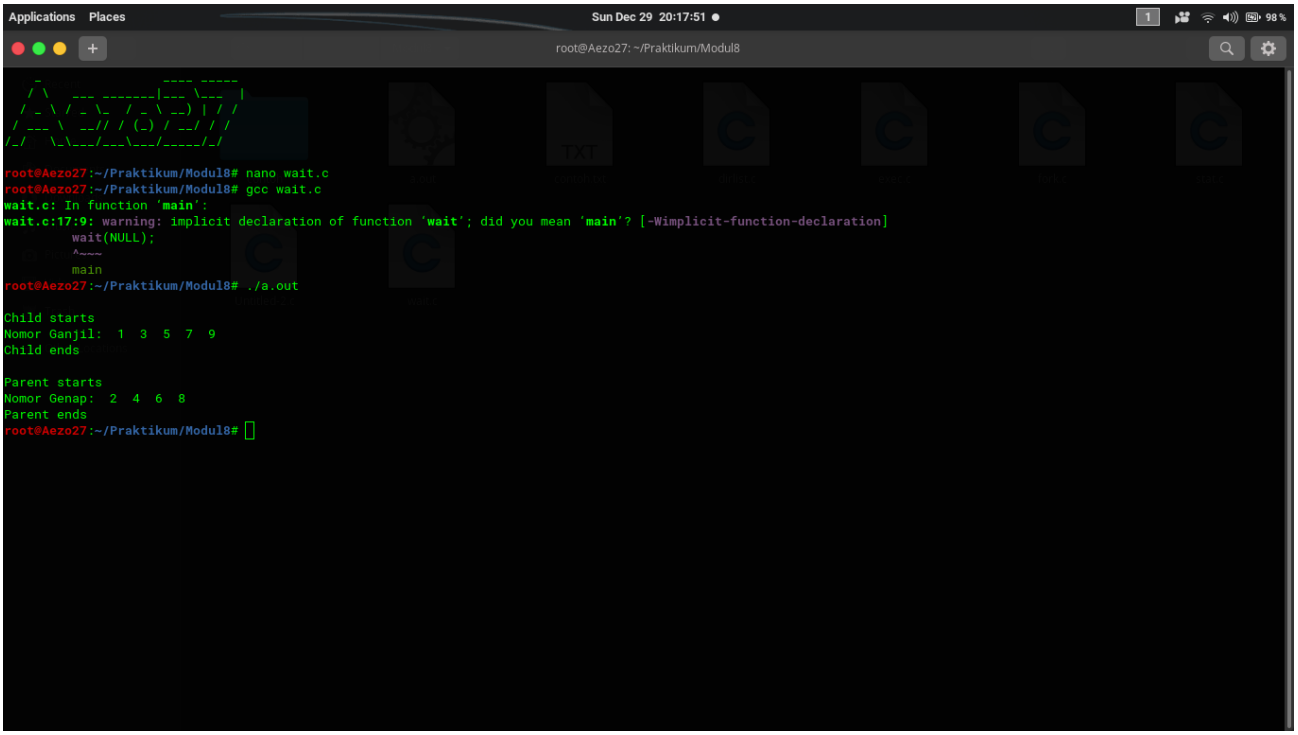
Fork.c



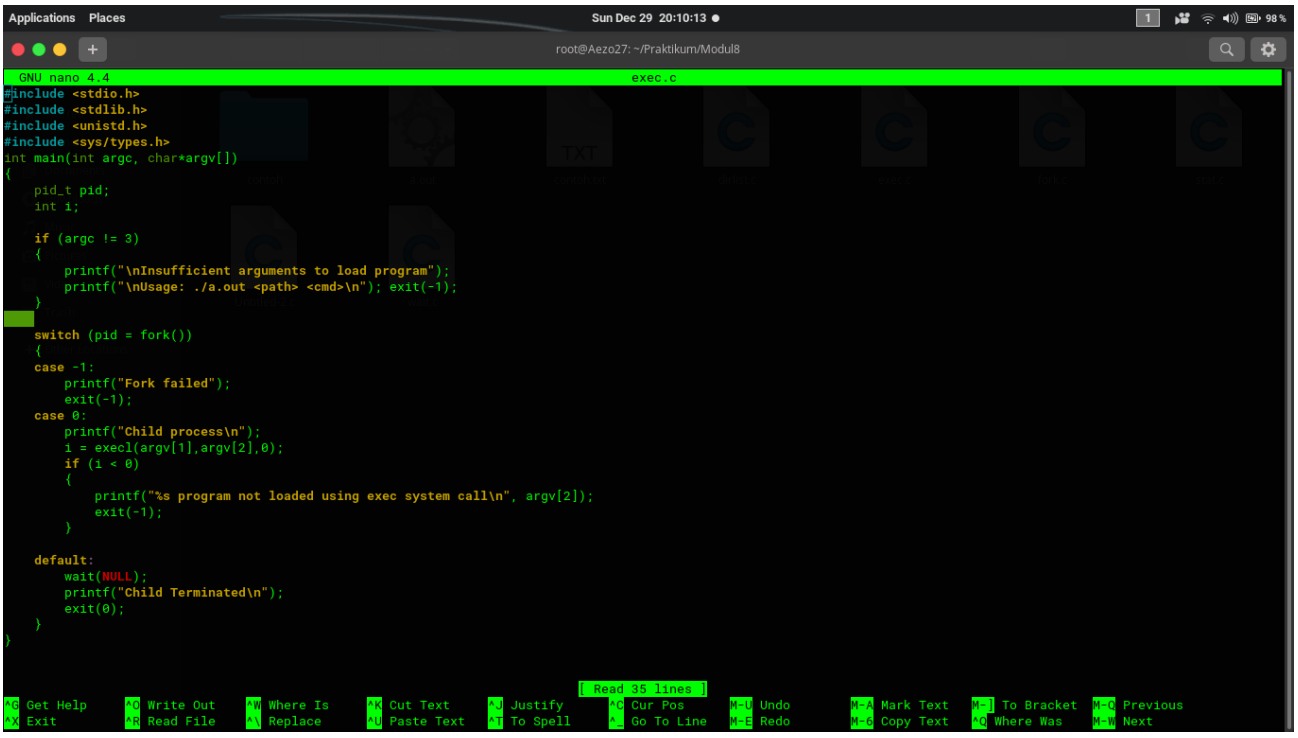

Applications Places
Sun Dec 29 20:16:44
root@Aezo27: ~/Praktikum/Modul8
root@Aezo27:~/Praktikum/Modul8# nano fork.c
root@Aezo27:~/Praktikum/Modul8# gcc fork.c
root@Aezo27:~/Praktikum/Modul8# ./a.out
Parent process
Process id is 3466
Value of x is 6
Process id of shell is 3449
Child process
Process id is 3467
Value of x is 6
Process id of shell is 3466
root@Aezo27:~/Praktikum/Modul8#

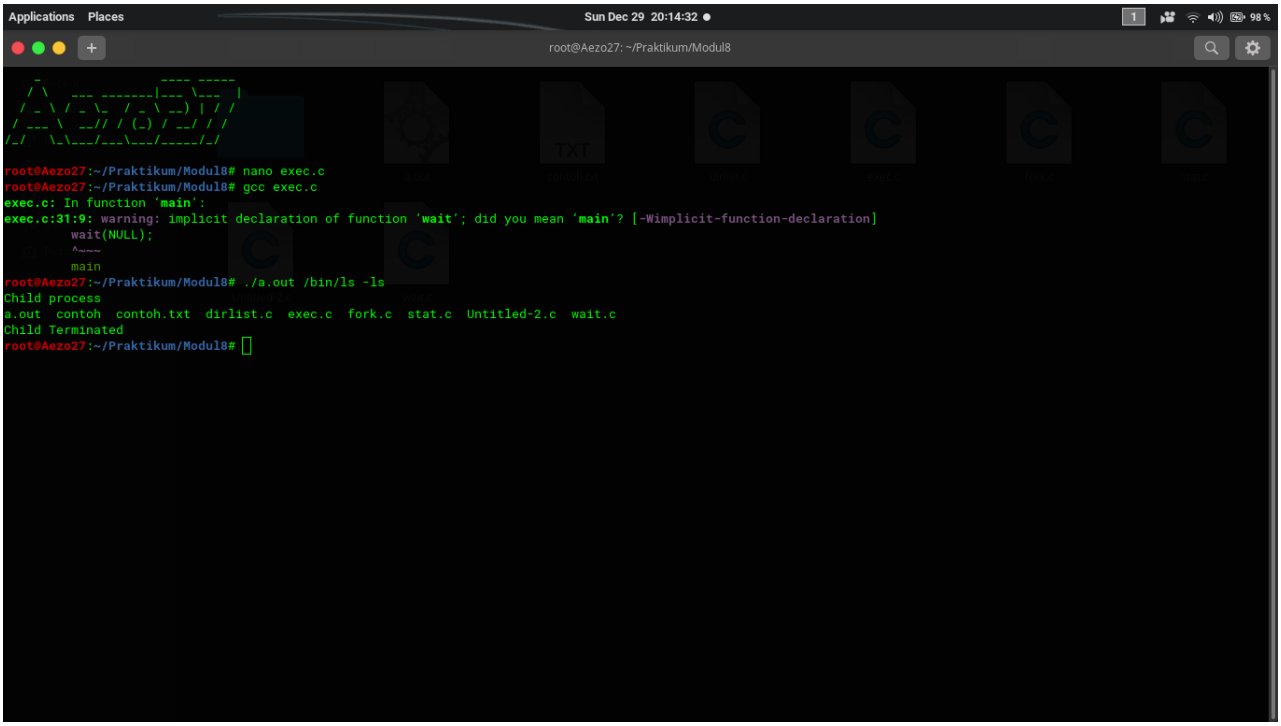
Wait.c


Applications Places
Sun Dec 29 20:17:36
root@Aezo27: ~/Praktikum/Modul8
GNU nano 4.4 wait.c
#include <stdio.h>
#include <stdlib.h>
#include <unistd.h>
#include <sys/types.h>
int main () {
int i, status;
pid_t pid;
pid = fork();
if (pid < 0)
{
printf("\nPembuatan Proses gagal;\n");
exit(-1);
}
else if (pid > 0)
{
wait(NULL);
printf ("\nParent starts\nNomor Genap:");
for (i = 2; i < 10; i+=2)
{
printf("%3d",i);
}
printf("\nParent ends\n");
}
else if (pid == 0)
{
printf ("\nChild starts\nNomor Ganjil:");
for (i = 1; i < 10; i+=2)
{
printf("%3d",i);
}
printf("\nChild ends\n");
}
}
[Read 35 lines]
^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos M-U Undo M-A Mark Text M-] To Bracket M-Q Previous
^X Exit ^R Read File ^\ Replace ^U Paste Text ^T To Spell ^_ Go To Line M-E Redo M-6 Copy Text ^Q Where Was M-W Next


Applications Places
Sun Dec 29 20:17:51
root@Aezo27: ~/Praktikum/Modul8
root@Aezo27:~/Praktikum/Modul8# nano wait.c
root@Aezo27:~/Praktikum/Modul8# gcc wait.c
wait.c: In function 'main':
wait.c:17:9: warning: implicit declaration of function 'wait'; did you mean 'main'? [-Wimplicit-function-declaration]
wait(NULL);
^~~~
main
root@Aezo27:~/Praktikum/Modul8# ./a.out
Child starts
Nomor Ganjil: 1 3 5 7 9
Child ends
Parent starts
Nomor Genap: 2 4 6 8
Parent ends
root@Aezo27:~/Praktikum/Modul8#

Exec.c


Applications Places
Sun Dec 29 20:10:13
root@Aezo27: ~/Praktikum/Modul8
GNU nano 4.4 exec.c
#include <stdio.h>
#include <stdlib.h>
#include <unistd.h>
#include <sys/types.h>
int main(int argc, char*argv[])
{
pid_t pid;
int i;
if (argc != 3)
{
printf("\nInsufficient arguments to load program");
printf("\nUsage: ./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)
{
printf("%s program not loaded using exec system call\n", argv[2]);
exit(-1);
}
default:
wait(NULL);
printf("Child Terminated\n");
exit(0);
}
}
[Read 35 lines]
^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos M-U Undo M-A Mark Text M-] To Bracket M-Q Previous
^X Exit ^R Read File ^\ Replace ^U Paste Text ^T To Spell ^_ Go To Line M-E Redo M-6 Copy Text ^Q Where Was M-W Next


Applications Places
Sun Dec 29 20:14:32
root@Aezo27: ~/Praktikum/Modul8
root@Aezo27:~/Praktikum/Modul8# nano exec.c
root@Aezo27:~/Praktikum/Modul8# gcc exec.c
exec.c: In function 'main':
exec.c:31:9: warning: implicit declaration of function 'wait'; did you mean 'main'? [-Wimplicit-function-declaration]
wait(NULL);
^~~~
main
root@Aezo27:~/Praktikum/Modul8# ./a.out /bin/ls -ls
Child process
a.out contoh contoh.txt dirlist.c exec.c fork.c stat.c Untitled-2.c wait.c
Child Terminated
root@Aezo27:~/Praktikum/Modul8#