```
psceubuntu:-S ls
2020203002 alarm.c Documents exect execv execve execvp fork main.sh mecrol.c mecro2.c pause
Pletures sigaction signal signrocmask sigset to templates wait
alarn besktop Downloads exect.c execv.c execve.c execvp.c fork.c necro1 mecro2 Nusic pause.c
psceubuntu:-S cat signal.c
signrocmask.c sigset_t.c Videos wait.c
strinclude signal.h>
stinclude signal.h>
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stinclude signal.h>
stinclude sidith.h>
stinclude sidith.h>
stinclude sidith.h>
stinclude sidith.h>
stinclude sidith.h>
stinclude sidith.h>
printf("Usage: %s [count]", argv[0]);
exit(0);

fif(argc != 2){
    printf("Usage: %s [count]", argv[0]);
    exit(0);
}

rf(signal(SIGUSR1, mysighandler) == SIG_ERR){
    perror("signal() error!");
}

printf("Hello. My PID is : %d\n", getpid());

cnt = atol(argv[1]);
white(cnt=0){
    printf("Millo. my PID is : %d\n", getpid());
    cnt = si(largv[1]);
    return 0;
}

void mysighandler(int signum){
    if(signum == SIGUSR1){
        cnt = 1;
        sleep(1);
    }
}

return 0;
}

void mysighandler(int signum){
    if(signum == SIGUSR1){
        cnt = 1;
        sleep(1);
    }
}

return 0;
}

void mysighandler(int signum){
    if(signum == SIGUSR1){
        cnt = 3;
        sleep(1);
        procephantu:-S ./signal 100
        mello. My PID is : 237
100 ... 99 ... 98 ... 97 ... 96 ... 95 ... 94 ... ^c
pscgubuntu:-S
```

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2020203002 Documents execv execvp main.sl
alarm Downloads execv.c execvp.c mecro1
                                                                                main.sh mecro2.c Pictures
                                                                                                                                                                         sigset_t.c wait.c
                                                                                                                    Public
sigaction
                                                                                                                                             signal.c
Desktop execl execve fork pscgubuntu:-$ cat pause.c #include <stgnal.h> #include <stdio.h> #include <stdib.h> #include <unistd.h>
                                                                                                   pause.c sigaction.c sigprocmask.c Videos
 void mySigHandler(int signum);
int main(int argc, char const *argv[]){
   if(signal(SIGINT,mySigHandler) == SIG_ERR){
      perror("signal() error!");
       if(signal(SIGUSR1, mySigHandler) == SIG_ERR){
    perror("signal() error!");
       printf("Hello. My PID is : %d\n", getpid());
while(1) { puts("Pause ..."); pause();}
        return 0:
void mySigHandler(int signum){
   if(signum ==SIGINT){
     printf("Hello! SIGINT.\n");
   }else if(signum == SIGUSR1){
     printf("Hello! SIGUSR1.\n");
psc@ubuntu:-$ ./pause
Hello. My PID is : 2405
Pause ...
^CHello! SIGINT.
Pause ...
^Z
[2]+ Stopped
psc@ubuntu:~$
                                                       ./pause
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 psc@ubuntu: $ ls
psc@dbuntu:-> ts
2020203002 Documents execv execvp main.sh
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mecro1.c pause sigaction sigprocmask Templates
mecro2 pause.c sigaction.c sigprocmask.c Videos
                                                                                                              Public
sigaction
                   execl execve fork execl.c execve.c fork.c
alarm.c
Desktop execl.c exe
psc@ubuntu:-$ cat alarm.c
#include <signal.h>
#include <stdio.h>
#include <unistd.h>
void myAlrmHandler(int signum);
int main(int argc, char const *argv[]){
   if(signal(SIGALRM,myAlrmHandler) == SIG_ERR){
     perror("signal() error!");
       alarm(5);
      puts("Sleep ... ");
sleep(100);
void myAlrmHandler(int signum){ puts("Hello! I'm wake!");}
psc@ubuntu:-$ ./alarm
Sleep ...
Hello! I'm wake!
psc@ubuntu:-$
```

```
psc@ubuntu:-$ ls
2020203002 Documents execv execvp main.sh mecro2.c Pictures signal sigset_t wait
alarm Downloads execv.c execvp.c mecro1 Music Public signal.c sigset_t.c wait.c
alarm.c execl execve fork mecro1.c pause sigaction sigprocmask. Templates
Desktop execl.c execve.c fork.c mecro2 pause.c sigaction.c sigprocmask.c Videos

psc@ubuntu:-$ cat sigset_t.c
#include <signal.h>
#inc
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psc@ubuntu:-$ ls
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fork.c mecrol.c
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