//Zombie Code:-

#include <stdio.h>

#include <unistd.h>

#include <sys/types.h>

#include <stdlib.h>

#include <sys/wait.h>

int main()

{

pid\_t pid;

pid=fork();

if(pid>0)

{

sleep(30);

printf("parent process id %d",getpid());

printf("in parent process");

}

else if(pid==0)

{

printf("child process id %d",getpid());

printf("in child process");

}

return 1;

}

Output:-

Terminal 1:-

pvg@pvg-HP-ProDesk-400-G4-SFF:~$ gcc zombie.c

pvg@pvg-HP-ProDesk-400-G4-SFF:~$ ./a.out

child process id 4332in child process

Terminal 2:-

pvg@pvg-HP-ProDesk-400-G4-SFF:~$ ps -le | grep 'Z'

F S UID PID PPID C PRI NI ADDR SZ WCHAN TTY TIME CMD

1 Z 1000 4332 4331 0 80 0 - 0 - pts/9 00:00:00 a.out <defunct>

pvg@pvg-HP-ProDesk-400-G4-SFF:~$