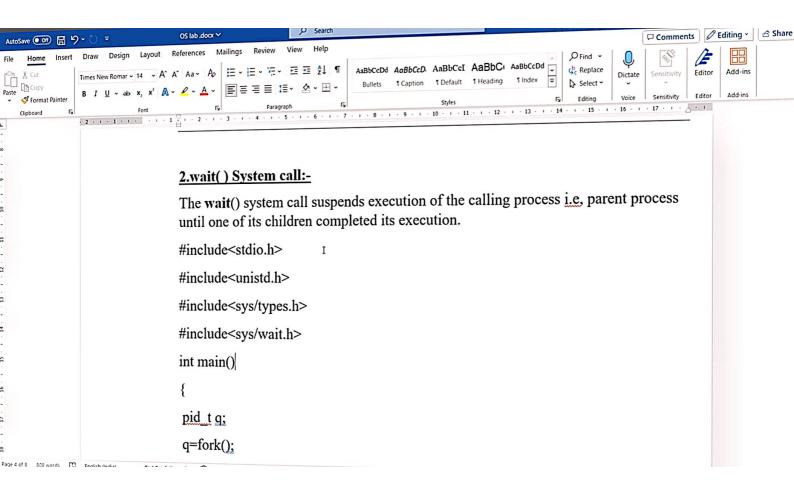


```
hello my process id is 54hello my process id is 55hello my process id is 53hello my process id is 51hello my process id is 57hello my process id is 52hello my process id is 56sudhakaratchala@MSI:~$ pico ex4.c sudhakaratchala@MSI:~$ gcc ex4.c sudhakaratchala@MSI:~$ ./a.out

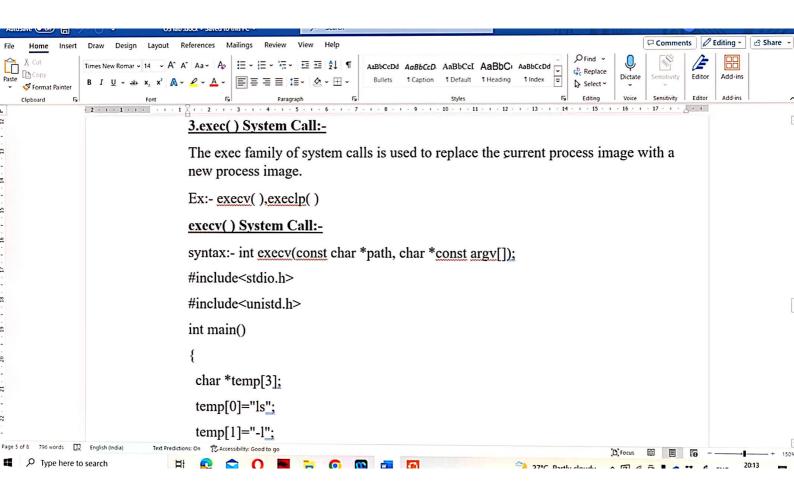
I am Parent having id 64
Child having id 65
My child id is 65
My parent's pid is 64
Common common sudhakaratchala@MSI:~$
```

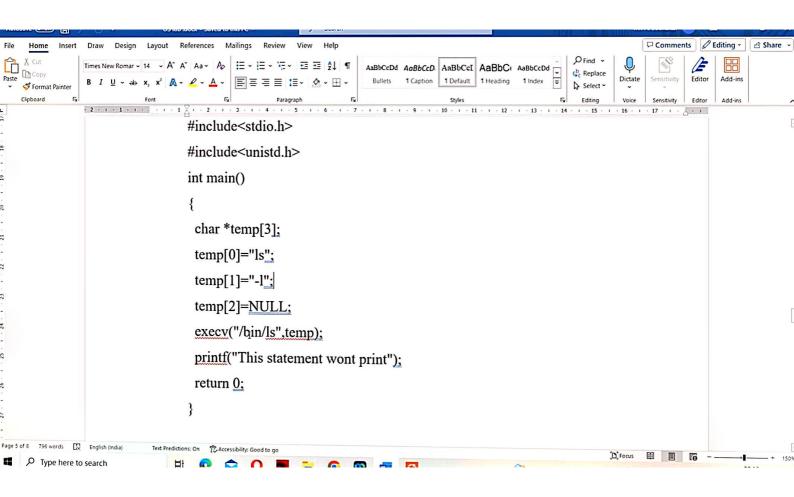
sudhakaratchala@MSI:~\$ ./a.out

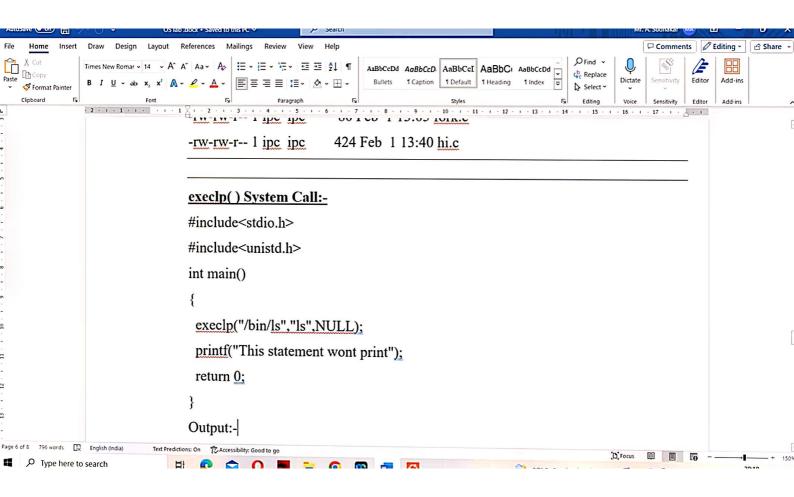


```
GNU nano 6.2
                                            ex5.c
if(q<0)
{
       printf("Error");
else if(q==0) //child process
{
       printf("\nChild having id %d",getpid());
       printf("\nMy parent's pid is %d",getppid());
else if(q>0) //Parent process
{
       wait(NULL);
       printf("\nI am Parent having id %d",getpid());
       printf("\nMy child is %d",q);
printf("\ncommon");
return 0;
^G Help
              ^O Write Out
                            ^W Where Is
                                           ^K Cut
                                                         ^T Execute
                                                                        ^C Location
  Exit
              ^R Read File
                                                         ^J Justify
                            △\ Replace
                                          ^U Paste
                                                                        ^/ Go To Line
```

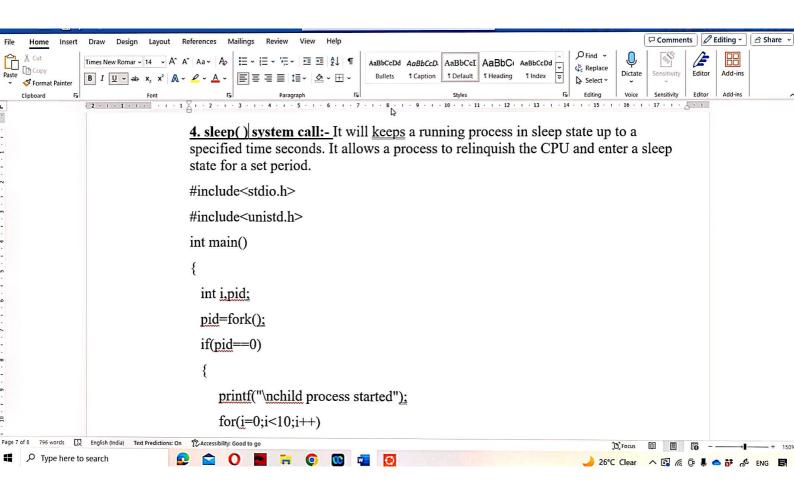
Sudhakaratchala@MSI: ~





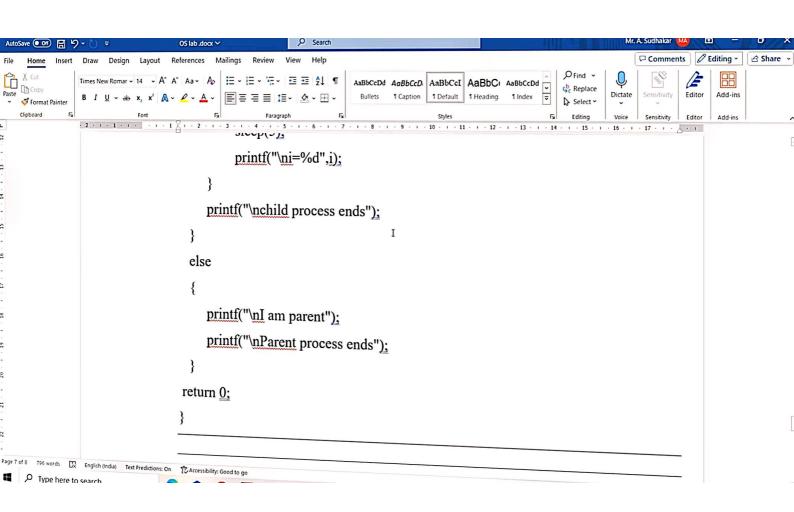


```
-rw-r--r-- 1 sudhakaratchala sudhakaratchala
                                               176 Feb 2 20:05 ex3.c
-rw-r--r-- 1 sudhakaratchala sudhakaratchala
                                               441 Feb
                                                         2 20:08 ex4.c
                                                         2 20:14 ex5.c
-rw-r--r-- 1 sudhakaratchala sudhakaratchala
                                               477 Feb
-rw-r--r-- 1 sudhakaratchala sudhakaratchala
                                               135 Feb
                                                        3 19:57 execlp.c
                                                        3 19:56 execv.c
-rw-r--r-- 1 sudhakaratchala sudhakaratchala
                                               194 Feb
                                               301 Feb
-rw-r--r-- 1 sudhakaratchala sudhakaratchala
                                                         2 11:43 exit.c
-rw-r--r-- 1 sudhakaratchala sudhakaratchala
                                               125 Jan 28 15:31 fork.c
-rw-r--r-- 1 sudhakaratchala sudhakaratchala
                                                 4 Jan 28 10:35 hai
-rw-r--r-- 1 sudhakaratchala sudhakaratchala
                                               173 Jan 28 15:41 hai.c
-rw-r--r-- 1 sudhakaratchala sudhakaratchala
                                               137 Feb
                                                        1 12:08 p1.c
-rw-r--r-- 1 sudhakaratchala sudhakaratchala
                                               423 Feb
                                                         2 11:36 sleep.c
sudhakaratchala@MSI:~$ gcc execlp.c
sudhakaratchala@MSI:~$ pico execlp.c
sudhakaratchala@MSI:~$ gcc execlp.c
sudhakaratchala@MSI:~$ ls
a.out
      ex1.c ex3.c
                    ex5.c
                               execv.c
                                        fork.c
                                                hai.c
                                                       sleep.c
                    execlp.c
ex.x
      ex2.c
             ex4.c
                               exit.c
                                        hai
                                                p1.c
sudhakaratchala@MSI:~$ ./a.out
a.out
      ex1.c
             ex3.c
                     ex5.c
                                        fork.c
                               execv.c
                                                hai.c
                                                       sleep.c
ęx.x
      ex2.c
             ex4.c
                    execlp.c
                               exit.c
                                        hai
                                                p1.c
sudhakaratchala@MSI:~$
```



```
GNU nano 6.2
                                            sleep.c
#include<stdio.h>
#include<unistd.h>
int main()
  int i,pid;
  pid=fork();
  if(pid==0)
  {
       printf("\nchild process started");
       for(i=0;i<10;i++)
       {
                sleep(1);
                printf("\ni=%d",i);
       printf("\nchild process ends");
  else
                                     [ Read 23 lines ]
^G Help
              ^O Write Out
                            ^W Where Is
                                           ^K Cut
                                                          ^T Execute
                                                                        ^C Location
  Exit
                                                          ^J Justify
                                                                        ^/ Go To Line
              ^R Read File
                            ^\ Replace
                                           ^U Paste
```

Sudhakaratchala@MSI: ~



sudhakaratchala@MSI:~\$ pico sleep.c
sudhakaratchala@MSI:~\$ gcc sleep.c
sudhakaratchala@MSI:~\$ ./a.out

I am parent
Parent process endssudhakaratchala@MSI:~\$ child process started
i=0

