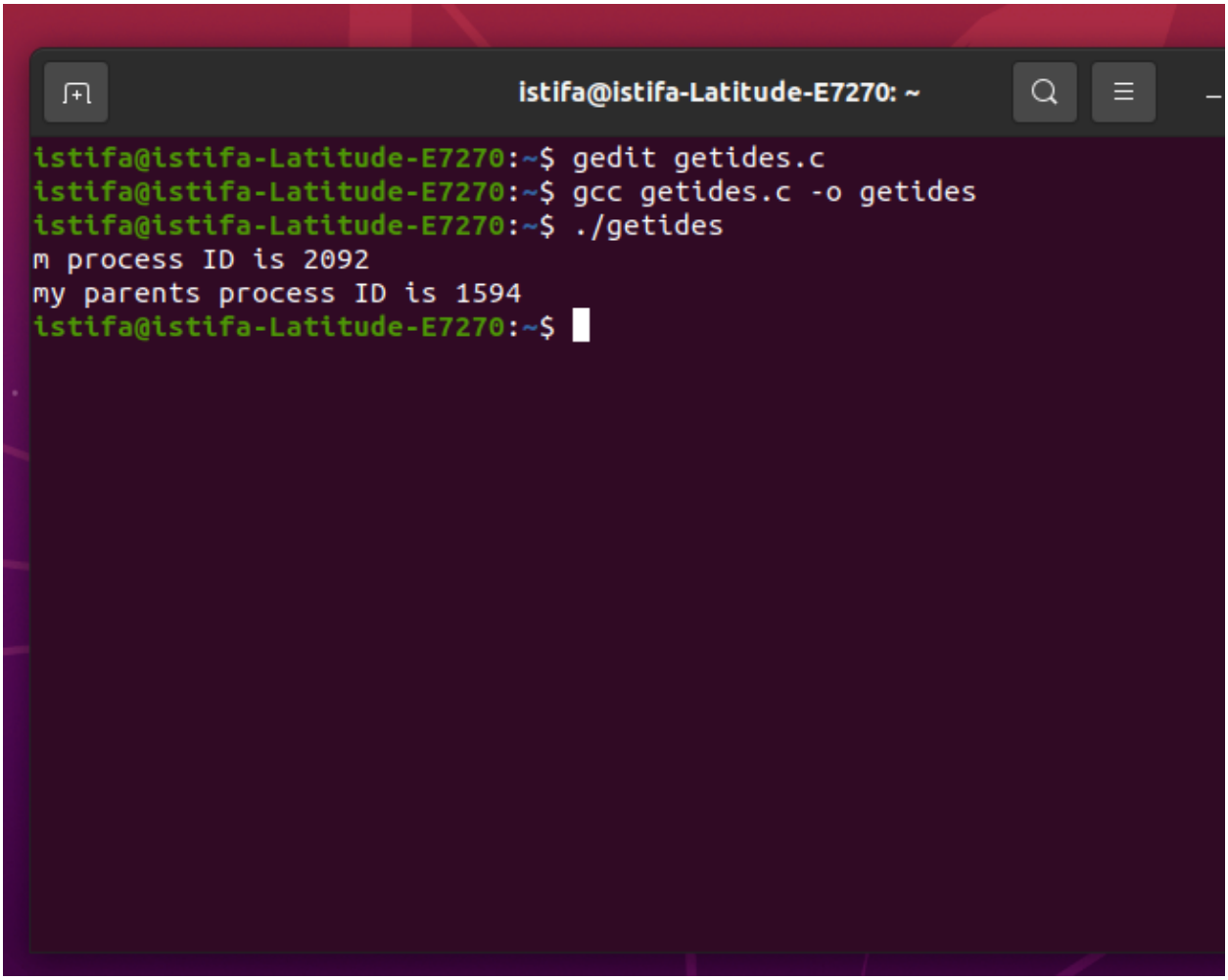
Open

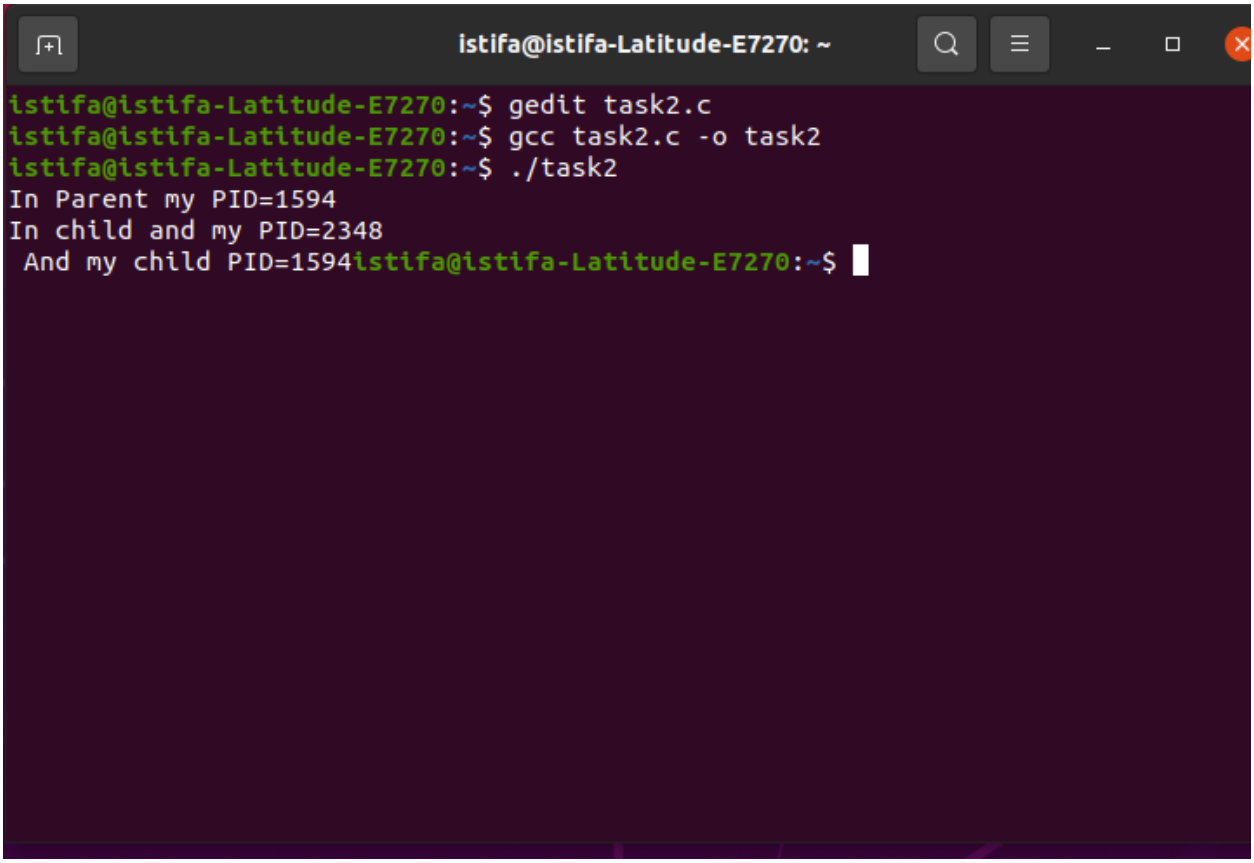
getides.c
~/Desktop

```c
#include <stdlib.h>
#include <unistd.h>
#include <stdio.h>
int main(int argc,char **argv)
{
printf("m process ID is %d\n", getpid());
printf("my parents process ID is %d\n",getppid());
exit(0);
}
```


istifa@istifa-Latitude-E7270: ~
istifa@istifa-Latitude-E7270:~$ gedit getides.c
istifa@istifa-Latitude-E7270:~$ gcc getides.c -o getides
istifa@istifa-Latitude-E7270:~$ ./getides
m process ID is 2092
my parents process ID is 1594
istifa@istifa-Latitude-E7270:~$

Open *task2.c Save

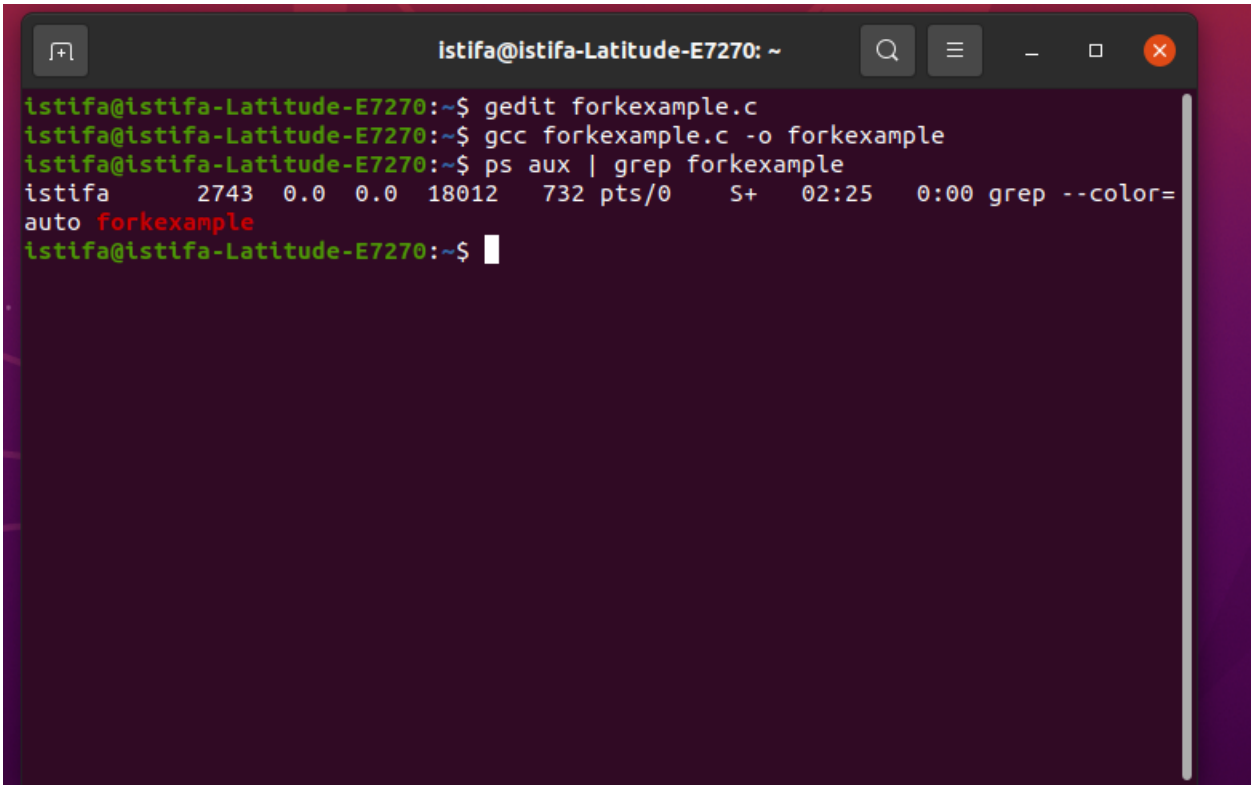
```c
#include <stdlib.h> /*needed to define exit() */
#include <unistd.h> /* needed for fork() */
#include <sys/wait.h> /* needed for wait() */
#include <stdio.h> /* needed for printf() */
int main(int argc,char **argv)
{
int pid = fork();
if(pid==0)
{
printf("In child and my PID=%d",getppid());
printf("\n");
}
else
{
printf("In Parent my PID=%d",getppid());
printf("\n And my child PID=%d",getppid());
}
if(pid == -1)
{
printf("Error");
}
sleep(1);
exit(0);
}
```


istifa@istifa-Latitude-E7270: ~
istifa@istifa-Latitude-E7270:~$ gedit task2.c
istifa@istifa-Latitude-E7270:~$ gcc task2.c -o task2
istifa@istifa-Latitude-E7270:~$ ./task2
In Parent my PID=1594
In child and my PID=2348
And my child PID=1594istifa@istifa-Latitude-E7270:~$

Open

forkexample.c

```c
#include <stdlib.h>/* needed to define exit() */
#include <unistd.h>/* needed for fork() */
#include <stdio.h>/* needed for printf() */
int main(int argc,char **argv)
{
fork();
fork();
fork();
sleep(10000);
exit(0);
}
```


istifa@istifa-Latitude-E7270: ~
istifa@istifa-Latitude-E7270:~$ gedit forkexample.c
istifa@istifa-Latitude-E7270:~$ gcc forkexample.c -o forkexample
istifa@istifa-Latitude-E7270:~$ ps aux | grep forkexample
istifa 2743 0.0 0.0 18012 732 pts/0 S+ 02:25 0:00 grep --color=
auto forkexample
istifa@istifa-Latitude-E7270:~$