```
student@iteradmin-Vostro-3268:~/Desktop/Shubhi_9442/Assign4$ ./a.out
Parent: PID = 8298
Child: PID = 8299
Killed
student@iteradmin-Vostro-3268:~/Desktop/Shubhi_9442/Assign4$ gcc A4Q1.c
student@iteradmin-Vostro-3268:~/Desktop/Shubhi_9442/Assign4$ ./a.out
Parent: PID = 8323
Child: PID = 8324
```

```
student      7965  0.0  0.0  10752  5084 pts/3    Ss   12:04   0:00 bash
student      7978  0.8  0.7 970976 61840 ?        Sl   12:04   0:05 /usr/bin/gedit --gapplication-service
root         8297  0.0  0.0      0     0 ?        I    12:13   0:00 [kworker/u8:2-events_unbound]
student      8299  100  0.0   2496    76 pts/3    R    12:13   2:36 ./a.out
student      8323  100  0.0   2496   512 pts/3    R+   12:15   0:29 ./a.out
student      8324 87.6  0.0      0     0 pts/3    Z+   12:15   0:25 [a.out] <defunct>
student      8330  0.0  0.0  11684  3468 pts/2    R+   12:15   0:00 ps -aux
student@iteradmin-Vostro-3268:~/Desktop/Shubhi_9442/Assign4$
```

```
student@iteradmin-Vostro-3268:~/Desktop/Shubhi_9442/Assign4$ touch Q3.c
student@iteradmin-Vostro-3268:~/Desktop/Shubhi_9442/Assign4$ gcc Q3.c
student@iteradmin-Vostro-3268:~/Desktop/Shubhi_9442/Assign4$ ./a.out
Child 1 (PID: 2317, Parent PID: 2316): Copying content from file1.txt to file2.txt
Error opening files: No such file or directory
Child 2 (PID: 2318, Parent PID: 2316): Displaying content of file2.txt
Child 3 (PID: 2319, Parent PID: 2316): Displaying sorted content of file2.txt in reverse order
Parent (PID: 2316): All child processes have finished.
student@iteradmin-Vostro-3268:~/Desktop/Shubhi_9442/Assign4$
```

```
student@iteradmin-Vostro-3268:~/Desktop/Shubhi_9442/Assign4$ gcc Q4.c
student@iteradmin-Vostro-3268:~/Desktop/Shubhi_9442/Assign4$ ./a.out
Enter the length of the Fibonacci series: 10
Child (PID: 3922): Generating Fibonacci series of length 10
Child (PID: 3922): Fibonacci series generated.
Parent (PID: 3921): Fibonacci series: 0 1 1 2 3 5 8 13 21 34
Parent (PID: 3921): Prime Fibonacci numbers:
Number 2 at position 4 is prime.
Number 3 at position 5 is prime.
Number 5 at position 6 is prime.
Number 13 at position 8 is prime.
student@iteradmin-Vostro-3268:~/Desktop/Shubhi_9442/Assign4$
```