

```

cs6c09@msritcse:~/week8$ cc p1.c -o p1
cs6c09@msritcse:~/week8$ cc q1.c
cs6c09@msritcse:~/week8$ ./a.out
Parent process (PID: 31057) executing...
Child process (PID: 31058) executing...
File 'example.txt' exists and can be accessed.
Parent process: Child process (PID: 31058) has exited.
cs6c09@msritcse:~/week8$ S

```

```

cs6c09@msritcse:~/week8$ cc p2.c -o p2
cs6c09@msritcse:~/week8$ cc q2.c
cs6c09@msritcse:~/week8$ ./a.out 2 3
Sum: 5
Child exited with status 0

```

```

cs6c09@msritcse:~/week8$ cc q3.c
cs6c09@msritcse:~/week8$ ./a.out
cs6c09@msritcse:~/week8$ ps aux

```

| USER | PID | %CPU | %MEM | VSZ | RSS | TTY | STAT | START | TIME | COMMAND |
|------|-----|------|------|-------|------|-----|------|-------|------|---------------------------|
| root | 1 | 0.1 | 0.0 | 32236 | 7500 | ? | Ss | May04 | 2:41 | /sbin/init plymouth:debug |
| root | 2 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:00 | [kthreadd] |
| root | 4 | 0.0 | 0.0 | 0 | 0 | ? | I< | May04 | 0:00 | [kworker/0:0H] |
| root | 6 | 0.0 | 0.0 | 0 | 0 | ? | I< | May04 | 0:00 | [mm_percpu_wq] |
| root | 7 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:09 | [ksoftirqd/0] |
| root | 8 | 0.0 | 0.0 | 0 | 0 | ? | I | May04 | 1:08 | [rcu_sched] |
| root | 9 | 0.0 | 0.0 | 0 | 0 | ? | I | May04 | 0:00 | [rcu_bh] |
| root | 10 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:00 | [migration/0] |
| root | 11 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:00 | [watchdog/0] |
| root | 12 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:00 | [cpuhp/0] |
| root | 13 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:00 | [cpuhp/1] |
| root | 14 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:00 | [watchdog/1] |
| root | 15 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:00 | [migration/1] |
| root | 16 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:06 | [ksoftirqd/1] |
| root | 18 | 0.0 | 0.0 | 0 | 0 | ? | I< | May04 | 0:00 | [kworker/1:0H] |
| root | 19 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:00 | [cpuhp/2] |
| root | 20 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:00 | [watchdog/2] |
| root | 21 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:00 | [migration/2] |
| root | 22 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:05 | [ksoftirqd/2] |
| root | 24 | 0.0 | 0.0 | 0 | 0 | ? | I< | May04 | 0:00 | [kworker/2:0H] |
| root | 25 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:00 | [cpuhp/3] |
| root | 26 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:00 | [watchdog/3] |
| root | 27 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:00 | [migration/3] |
| root | 28 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:05 | [ksoftirqd/3] |
| root | 30 | 0.0 | 0.0 | 0 | 0 | ? | I< | May04 | 0:00 | [kworker/3:0H] |
| root | 31 | 0.0 | 0.0 | 0 | 0 | ? | S | May04 | 0:00 | [cpuhp/4] |