

## Скриншоты

1. SIGINT: ожидается, что в файл пишутся уведомления, программа заканчивается после 3-го таких сигнала.

```
^C^C^Ciamblueladadilabuda@Eltex:~/Desktop/task_5$ ./program &
[1] 6110
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
  PID TTY      TIME CMD
 6038 pts/0    00:00:00 bash
 6110 pts/0    00:00:00 program
 6138 pts/0    00:00:00 ps
iamblueladadilabuda@Eltex:~/Desktop/task_5$ kill -SIGINT 6110
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
  PID TTY      TIME CMD
 6038 pts/0    00:00:00 bash
 6110 pts/0    00:00:00 program
 6140 pts/0    00:00:00 ps
iamblueladadilabuda@Eltex:~/Desktop/task_5$ kill -SIGINT 6110
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
  PID TTY      TIME CMD
 6038 pts/0    00:00:00 bash
 6110 pts/0    00:00:00 program
 6141 pts/0    00:00:00 ps
iamblueladadilabuda@Eltex:~/Desktop/task_5$ kill -SIGINT 6110
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
  PID TTY      TIME CMD
 6038 pts/0    00:00:00 bash
 6149 pts/0    00:00:00 ps
[1]+ Done                  ./program
```

Рисунок 1 – SIGINT

2. SIGQUIT: ожидается, что в файл пишутся уведомления.

```
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ./program &
[1] 6604
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
  PID TTY      TIME CMD
 6038 pts/0    00:00:00 bash
 6604 pts/0    00:00:00 program
 6605 pts/0    00:00:00 ps
iamblueladadilabuda@Eltex:~/Desktop/task_5$ kill -SIGQUIT
kill: usage: kill [-s sigspec | -n signum | -sigspec] pid | jobspec ... or kill -l [sigspec]
iamblueladadilabuda@Eltex:~/Desktop/task_5$ kill -SIGQUIT 6604
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
  PID TTY      TIME CMD
 6038 pts/0    00:00:00 bash
 6604 pts/0    00:00:00 program
 6606 pts/0    00:00:00 ps
```

Рисунок 2 – SIGQUIT

3. SIGABRT, SIGKILL, SIGTERM ожидается, что они принудительно завершат программу.

```
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ./program &
[1] 6612
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
  PID TTY      TIME CMD
  6038 pts/0    00:00:00 bash
  6612 pts/0    00:00:00 program
  6613 pts/0    00:00:00 ps
iamblueladadilabuda@Eltex:~/Desktop/task_5$ kill -SIGABRT 6612
bash: kill: SIGABRT: invalid signal specification
iamblueladadilabuda@Eltex:~/Desktop/task_5$ kill -SIGABRT 6612
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
  PID TTY      TIME CMD
  6038 pts/0    00:00:00 bash
  6615 pts/0    00:00:00 ps
[1]+  Aborted                  (core dumped) ./program
```

Рисунок 3 – SIGABRT

```
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ./program &
[1] 6618
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
  PID TTY      TIME CMD
  6038 pts/0    00:00:00 bash
  6618 pts/0    00:00:00 program
  6619 pts/0    00:00:00 ps
iamblueladadilabuda@Eltex:~/Desktop/task_5$ kill -SIGTERM 6618
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
  PID TTY      TIME CMD
  6038 pts/0    00:00:00 bash
  6620 pts/0    00:00:00 ps
[1]+  Terminated                . ./program
```

Рисунок 4 – SIGKILL

```
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ./program &
[1] 6621
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
  PID TTY      TIME CMD
  6038 pts/0    00:00:00 bash
  6621 pts/0    00:00:00 program
  6622 pts/0    00:00:00 ps
iamblueladadilabuda@Eltex:~/Desktop/task_5$ kill -SIGKILL 6621
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
  PID TTY      TIME CMD
  6038 pts/0    00:00:00 bash
  6623 pts/0    00:00:00 ps
[1]+  Killed                  . ./program
```

Рисунок 5 – SIGTERM

4. SIGTSTP и SIGSTOP ожидается, что они приостановят процесс.

```
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ./program &
[1] 6625
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
  PID TTY          TIME CMD
 6038 pts/0    00:00:00 bash
 6625 pts/0    00:00:00 program
 6626 pts/0    00:00:00 ps
iamblueladadilabuda@Eltex:~/Desktop/task_5$ kill -SIGTSTP 6625
[1]+  Stopped                  ./program
```

Рисунок 6 – SIGTSTP

```
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ./program &
[2] 6627
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
  PID TTY          TIME CMD
 6038 pts/0    00:00:00 bash
 6625 pts/0    00:00:00 program
 6627 pts/0    00:00:00 program
 6628 pts/0    00:00:00 ps
iamblueladadilabuda@Eltex:~/Desktop/task_5$ kill -SIGSTOP 6627
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
  PID TTY          TIME CMD
 6038 pts/0    00:00:00 bash
 6625 pts/0    00:00:00 program
 6627 pts/0    00:00:00 program
 6629 pts/0    00:00:00 ps
[2]+  Stopped                  ./program
```

Рисунок 7 – SIGSTOP

5. SIGCONT ожидается, что продолжит приостановленные SIGTSTP и SIGSTOP процессы.

```
iamblueladadilabuda@Eltex:~/Desktop/task_5$ kill -SIGTSTP 6632
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
    PID TTY          TIME CMD
    6038 pts/0    00:00:00 bash
    6632 pts/0    00:00:00 program
    6636 pts/0    00:00:00 ps

[1]+  Stopped                  ./program
iamblueladadilabuda@Eltex:~/Desktop/task_5$ kill -SIGCONT 6632
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
    PID TTY          TIME CMD
    6038 pts/0    00:00:00 bash
    6632 pts/0    00:00:00 program
    6637 pts/0    00:00:00 ps
```

Рисунок 8 – SIGCONT – SIGSTP

```
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ./program &
[1] 6632
iamblueladadilabuda@Eltex:~/Desktop/task_5$ kill -SIGSTOP 6632
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
    PID TTY          TIME CMD
    6038 pts/0    00:00:00 bash
    6632 pts/0    00:00:00 program
    6633 pts/0    00:00:00 ps

[1]+  Stopped                  ./program
iamblueladadilabuda@Eltex:~/Desktop/task_5$ kill -SIGCONT 6632
iamblueladadilabuda@Eltex:~/Desktop/task_5$ ps
    PID TTY          TIME CMD
    6038 pts/0    00:00:00 bash
    6632 pts/0    00:00:00 program
    6634 pts/0    00:00:00 ps
```

Рисунок 9 – SIGCONT – SIGCONT