Output for 201801408_signals_3_receivesignal_diffpgrp
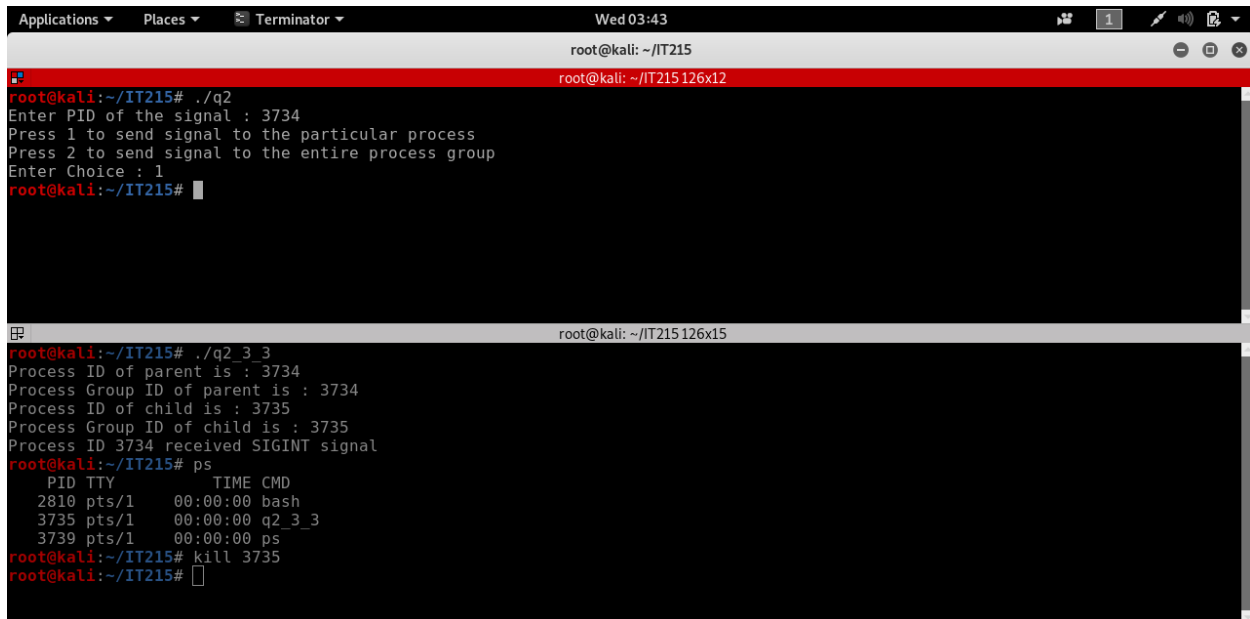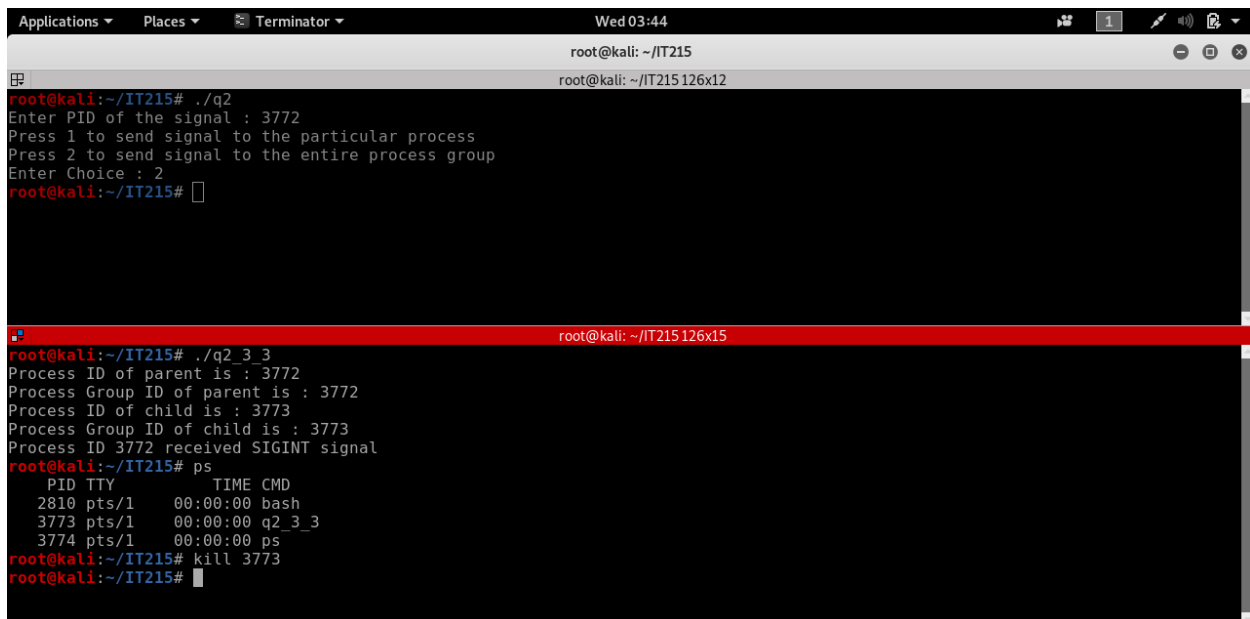
The following screenshots depict all possible output cases for the given program

root@kali: ~/IT215

root@kali: ~/IT215 126x12

```
root@kali:~/IT215# ./q2
Enter PID of the signal : 3812
Press 1 to send signal to the particular process
Press 2 to send signal to the entire process group
Enter Choice : 1
root@kali:~/IT215# ./q2
Enter PID of the signal : 3811
Press 1 to send signal to the particular process
Press 2 to send signal to the entire process group
Enter Choice : 1
root@kali:~/IT215#
```

root@kali: ~/IT215 126x15

```
root@kali:~/IT215# ./q2_3_3
Process ID of parent is : 3811
Process Group ID of parent is : 3811
Process ID of child is : 3812
Process Group ID of child is : 3812
Process ID 3812 received SIGINT signal
Process ID 3811 received SIGINT signal
root@kali:~/IT215#
```

root@kali: ~/IT215

root@kali: ~/IT215 126x12

```
root@kali:~/IT215# ./q2
Enter PID of the signal : 3904
Press 1 to send signal to the particular process
Press 2 to send signal to the entire process group
Enter Choice : 1
root@kali:~/IT215# ./q2
Enter PID of the signal : 3903
Press 1 to send signal to the particular process
Press 2 to send signal to the entire process group
Enter Choice : 2
root@kali:~/IT215#
```

root@kali: ~/IT215 126x15

```
root@kali:~/IT215# ./q2_3_3
Process ID of parent is : 3903
Process Group ID of parent is : 3903
Process ID of child is : 3904
Process Group ID of child is : 3904
Process ID 3904 received SIGINT signal
Process ID 3903 received SIGINT signal
root@kali:~/IT215#
```

root@kali: ~/IT215   ─ ☐ ✕

root@kali: ~/IT215 126x12

```
root@kali:~/IT215# ./q2
Enter PID of the signal : 3944
Press 1 to send signal to the particular process
Press 2 to send signal to the entire process group
Enter Choice : 2
root@kali:~/IT215# ./q2
Enter PID of the signal : 3943
Press 1 to send signal to the particular process
Press 2 to send signal to the entire process group
Enter Choice : 1
root@kali:~/IT215#
```

root@kali: ~/IT215 126x15

```
root@kali:~/IT215# ./q2_3_3
Process ID of parent is : 3943
Process Group ID of parent is : 3943
Process ID of child is : 3944
Process Group ID of child is : 3944
Process ID 3944 received SIGINT signal
Process ID 3943 received SIGINT signal
root@kali:~/IT215#
```

root@kali: ~/IT215   ─ ☐ ✕

root@kali: ~/IT215 126x12

```
root@kali:~/IT215# ./q2
Enter PID of the signal : 3982
Press 1 to send signal to the particular process
Press 2 to send signal to the entire process group
Enter Choice : 2
root@kali:~/IT215# ./q2
Enter PID of the signal : 3981
Press 1 to send signal to the particular process
Press 2 to send signal to the entire process group
Enter Choice : 2
root@kali:~/IT215#
```

root@kali: ~/IT215 126x15

```
root@kali:~/IT215# ./q2_3_3
Process ID of parent is : 3981
Process Group ID of parent is : 3981
Process ID of child is : 3982
Process Group ID of child is : 3982
Process ID 3982 received SIGINT signal
Process ID 3981 received SIGINT signal
root@kali:~/IT215#
```