

Operating system

Practical 4

1)

```
vboxuser@Nouman:~/nouman/practical4$ vi sc1.c
vboxuser@Nouman:~/nouman/practical4$ gcc sc1.c
vboxuser@Nouman:~/nouman/practical4$ ./a.out
Hello Nouman!!
PID=20509
PPID=20084
Hello Nouman!!
PID=20510
PPID=20509
```

2)

```
vboxuser@Nouman:~/nouman/practical4$ vi ex1.c
vboxuser@Nouman:~/nouman/practical4$ gcc ex1.c
vboxuser@Nouman:~/nouman/practical4$ ./a.out
PID of ex1.c = 27547
execv: No such file or directory
```

3)

```
vboxuser@Nouman:~/nouman/practical4$ vi fork.c
vboxuser@Nouman:~/nouman/practical4$ vi parent.c
vboxuser@Nouman:~/nouman/practical4$ gcc fork.c
vboxuser@Nouman:~/nouman/practical4$ ./a.out
Parent process
Child process
```

4)

```
vboxuser@Nouman:~/nouman/practical4$ gcc parent.c
vboxuser@Nouman:~/nouman/practical4$ ./a.out
Parent process: PID=28603, Child PID=28604
Child process: PID=28604
vboxuser@Nouman:~/nouman/practical4$ █
```
