

Practical 4 :

Adam is working in an IT company. He has been given a task to reduce the load of a system by killing some of the processes running in the LINUX operating system. Which commands will he use to complete the given task with the help of the following operation?

- Kill processes by name
- Kill a process based on the process name
- Kill a single process at a time with the given process ID

```
user@SRUSHTI MSYS ~
$ sleep 800 & sleep 500 &
[6] 945
[7] 946

user@SRUSHTI MSYS ~
$ ps -ef | grep sleep
user      941      920  pty0      20:18:41 sleep 500
user      942      920  pty0      20:18:50 sleep 800
user      943      920  pty0      20:18:50 sleep 500
user      940      920  pty0      20:18:41 sleep 800
user      945      920  pty0      20:19:33 sleep 800
user      948      920  pty0      20:19:44 grep sleep
user      938      920  pty0      20:13:21 sleep 300
user      946      920  pty0      20:19:33 sleep 500

user@SRUSHTI MSYS ~
$ kill 945

user@SRUSHTI MSYS ~
$ ps -ef | grep sleep
user      941      920  pty0      20:18:41 sleep 500
user      942      920  pty0      20:18:50 sleep 800
user      943      920  pty0      20:18:50 sleep 500
user      940      920  pty0      20:18:41 sleep 800
user      938      920  pty0      20:13:21 sleep 300
user      946      920  pty0      20:19:33 sleep 500
[6] Terminated sleep 800

user@SRUSHTI MSYS ~
$ |
```

```
user@SRUSHTI MSYS ~
$ sleep 900 &
[6] 956

user@SRUSHTI MSYS ~
$

user@SRUSHTI MSYS ~
$ kill 956
[3] Done sleep 500
[5] Done sleep 500

user@SRUSHTI MSYS ~
$ |
```

```
user@SRUSHTI MSYS ~  
$ sleep 600 &  
[6] 960
```

```
user@SRUSHTI MSYS ~  
$ kill 960
```

```
user@SRUSHTI MSYS ~  
$ ps
```

	PID	PPID	PGID	WINPID	TTY	UID	STIME	COMMAND
	942	920	942	21228	pty0	197609	20:18:50	/usr/bin/sleep
	940	920	940	16156	pty0	197609	20:18:41	/usr/bin/sleep
	920	919	920	16360	pty0	197609	20:13:13	/usr/bin/bash
	919	1	919	21112	?	197609	20:13:13	/usr/bin/mintty
	961	920	961	8728	pty0	197609	20:31:14	/usr/bin/ps
	959	920	959	13460	pty0	197609	20:30:34	/usr/bin/sleep
S	938	920	938	16048	pty0	197609	20:13:21	/usr/bin/sleep
[6]-	Terminated			sleep 600				

```
user@SRUSHTI MSYS ~  
$ |
```