

Process Control -

1. bg % 1 - Resumes a stopped job

Jobs - Lists all active job

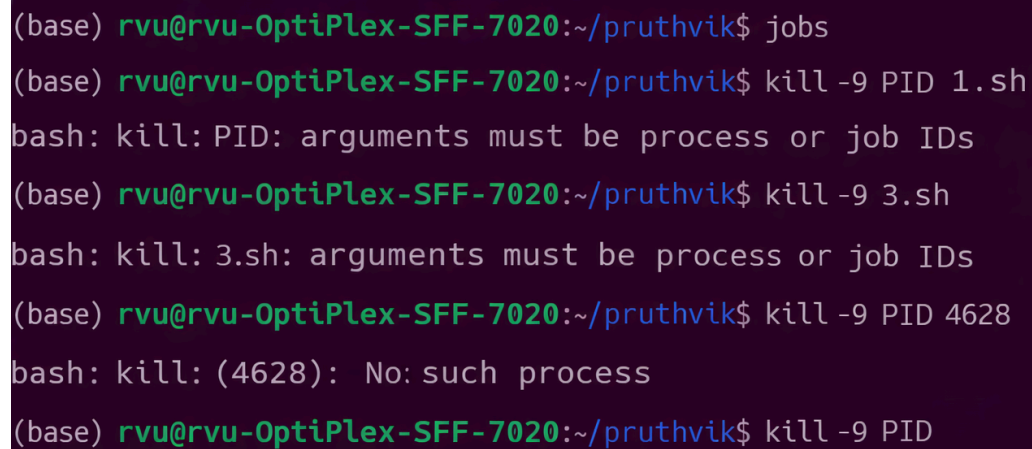
fg % 1 - Brings a background job to the foreground

```
prvu-OptiPlex-SFF-7020:~/pruthvik$ jobs
Stopped                  top
prvu-OptiPlex-SFF-7020:~/pruthvik$ bg % 1
top &
g: job 1 already in background

prvu-OptiPlex-SFF-7020:~/pruthvik$ fg % 1
```

2. Kill PID - Sends the signal to process to terminate it

Pstree -p - Shows the running processes as a tree



```
(base) rvu@rvu-OptiPlex-SFF-7020:~/pruthvik$ jobs
(base) rvu@rvu-OptiPlex-SFF-7020:~/pruthvik$ kill -9 PID 1.sh
bash: kill: PID: arguments must be process or job IDs
(base) rvu@rvu-OptiPlex-SFF-7020:~/pruthvik$ kill -9 3.sh
bash: kill: 3.sh: arguments must be process or job IDs
(base) rvu@rvu-OptiPlex-SFF-7020:~/pruthvik$ kill -9 PID 4628
bash: kill: (4628): No: such process
(base) rvu@rvu-OptiPlex-SFF-7020:~/pruthvik$ kill -9 PID
```

4. This give count of process if process code is correct

Code :

```
#!/bin/bash
echo "Background Task Started"
echo "Process ID:$$"
count=1
while true
1 do
    echo "Running...Count=$count"
    count=$((count+1))
    sleep 5
done
```

Output :

```
rvu@rvu-OptiPlex-SFF-7020:~/pruthvik$ nano 1.sh
rvu@rvu-OptiPlex-SFF-7020:~/pruthvik$ nano 3.sh
rvu@rvu-OptiPlex-SFF-7020:~/pruthvik$ chmod +x 3.sh
```

around Task Started

ess ID:18259

ing ..Count=1

```
rvu@rvu-OptiPlex-SFF-7020:~/pruthvik$ ./3.sh
```

\$ tTopped ./3sh

```
rvu@rvu-OptiPlex-SFF-7020:~/pruthvik$ ./3.sh
```

around Task Started

ess ID:10415

ing ..Count=1

ing...Count=1

ing...Count=2

ing...Count=3

ing...Count=4

ing...Count=5

ing...Count=6

ing...Count=7

ing...Count=8

ing...Count=9

ing...Count=10

ing...Count=11

ing...Count=12

ing...Count=13

ing...Count=14

ing...Count=15