

INFINITE LOOP CODE :

```
#include<stdio.h>
#include<unistd.h>

void main()
{

printf("My process id : %d\n",getpid());
printf("Entering into an infinite loop\n");

while (1)
{
}

}
```

SCREENSHOT :

DataComm [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Terminal

```
praarthana@praarthana-VirtualBox: ~  
praarthana@praarthana-VirtualBox:~$ uname -a  
Linux praarthana-VirtualBox 4.4.0-31-generic #50-14.04.1-Ubuntu SMP Wed Jul 13  
1:07:32 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux  
praarthana@praarthana-VirtualBox:~$  
  
praarthana@praarthana-VirtualBox: ~  
top - 13:34:46 up 1:35, 4 users, load average: 1.66, 1.25, 0.81  
Tasks: 187 total, 2 running, 185 sleeping, 0 stopped, 0 zombie  
%Cpu(s): 98.6 us, 1.4 sy, 0.0 ni, 0.0 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st  
KiB Mem: 1016464 total, 901496 used, 114968 free, 23388 buffers  
KiB Swap: 1046524 total, 230876 used, 815648 free, 285548 cached Mem  
  
PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND  
10571 praarth+ 20 0 4200 676 596 R 92.0 0.1 3:12.63 InfiniteLoop  
1921 praarth+ 20 0 1422672 241608 45760 S 6.3 23.8 18:18.31 complz  
1220 root 20 0 393976 81464 18280 S 1.3 8.0 2:15.54 Xorg  
1 root 20 0 33876 2616 1288 S 0.0 0.3 0:05.25 init  
2 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kthreadd  
3 root 20 0 0 0 0 S 0.0 0.0 0:00.96 ksoftirqd/0  
5 root 0 -20 0 0 0 S 0.0 0.0 0:00.00 kworker/0:0H  
7 root 20 0 0 0 0 S 0.0 0.0 0:01.42 rcu_sched  
8 root 20 0 0 0 0 S 0.0 0.0 0:00.00 rcu_bh  
9 root rt 0 0 0 0 S 0.0 0.0 0:00.00 migration/0  
10 root rt 0 0 0 0 S 0.0 0.0 0:00.03 watchdog/0  
11 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kdevtmpfs  
12 root 0 -20 0 0 0 S 0.0 0.0 0:00.00 netns  
13 root 0 -20 0 0 0 S 0.0 0.0 0:00.00 perf  
14 root 20 0 0 0 0 S 0.0 0.0 0:00.00 khungtaskd  
15 root 0 -20 0 0 0 S 0.0 0.0 0:00.00 writeback  
16 root 25 5 0 0 0 S 0.0 0.0 0:00.00 ksmd
```

```
praarthana@praarthana-VirtualBox:~/Documents$ gcc -o InfiniteLoop InfiniteLoop.c  
praarthana@praarthana-VirtualBox:~/Documents$ ./InfiniteLoop  
My process id : 10571  
Entering into an infinite loop
```

Oracle VM VirtualBox Manager

File Machine Help

New Settings Discard Show

Details Snapshots

Bro Powered Off

DataComm Running

General

Name: DataComm
Operating System: Ubuntu (64-bit)

System

Base Memory: 1024 MB
Boot Order: Floppy, Optical, Hard Disk
Acceleration: VT-x/AMD-V, Nested Paging, KVM Paravirtualization

Display

Video Memory: 16 MB
Remote Desktop Server Port: 3389
Video Capture: Disabled

Storage

Controller: IDE
IDE Secondary Master: [Optical Drive] VBoxGuestAdditions.iso (56.52 MB)
Controller: SATA
SATA Port 0: DataComm.vdi (Normal, 10.00 GB)

Audio

Host Driver: Windows DirectSound

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