

```

vsduser@vsduser-VirtualBox: ~
10184:      ff010113      addi    sp,sp,-16
10188:      00113423      sd      ra,8(sp)
1018c:      06400793      li      a5,100
10190:      fff7879b      addiaw  a5,a5,-1
10194:      fe079ee3      bnez    a5,10190 <main+0xc>
10198:      00001637      lui     a2,0x1
1019c:      3ba60613      addi    a2,a2,954 # 13ba <register_fini+0xecf6>
101a0:      06400593      li      a1,100
101a4:      00021537      lui     a0,0x21
101a8:      19950513      addi    a0,a0,400 # 21190 <__clzdt2+0x48>
101ac:      26c000ef      jal     ra,10418 <printf>
101b0:      00000513      li      a0,0
101b4:      00813083      ld      ra,8(sp)
101b8:      10101113      addi    sp,sp,16
101bc:      00008067      ret

00000000000101c0 <atexit>:
101c0:      00050593      mv      a1,a0
101c4:      00000693      li      a3,0
101c8:      00000613      li      a2,0
101cc:      00000513      li      a0,0
101d0:      4390206f      j       12e08 <__register_exitproc>

00000000000101d4 <exit>:
101d4:      ff010113      addi    sp,sp,-16
101d8:      00000593      li      a1,0
101dc:      00813023      sd      s0,0(sp)
101e0:      00113423      sd      ra,8(sp)
101e4:      00050413      mv      s0,a0
101e8:      4cd020ef      jal     ra,12eb4 <__call_exitprocs>
101ec:      74818793      addi    a5,gp,1864 # 23150 <global_impure_ptr>
101f0:      0007b503      ld      a0,0(a5)
101f4:      05853783      ld      a5,88(a0)
101f8:      00078463      beqz    a5,10200 <exit+0x2c>
101fc:      000780e7      jalr    a5
10200:      00040513      mv      a0,s0
10204:      7410e0ef      jal     ra,1f144 <_exit>

0000000000010208 <__llbc_fini_array>:
10208:      fe010113      addi    sp,sp,-32
1020c:      00813823      sd      s0,16(sp)
10210:      00012797      auipc   a5,0x12
10214:      e1078793      addi    a5,a5,-496 # 20200 <__fini_array_end>
10218:      00012417      auipc   s0,0x12
1021c:      e0040413      addi    s0,s0,-512 # 20218 <__init_array_end>

```

Open ▾



```
#include<stdio.h>
int main()
{
    int i, sum=0, n=100;
    for(i=1; i<=n; ++i)
    {
        sum +=i;
    }
    printf("sum of numbers from 1 to %d is %d\n" ,n, sum);
    return 0;
}
```

File Edit View Search Terminal Help

```
vsduser@vsduser-VirtualBox:~$ cd
vsduser@vsduser-VirtualBox:~$ gedit sumiton.c
vsduser@vsduser-VirtualBox:~$ gcc sumiton.c
vsduser@vsduser-VirtualBox:~$ ls-ltr
ls-ltr: command not found
vsduser@vsduser-VirtualBox:~$ ./ls-ltr
bash: ./ls-ltr: No such file or directory
vsduser@vsduser-VirtualBox:~$ a.out
a.out: command not found
vsduser@vsduser-VirtualBox:~$ ls.ltr
ls.ltr: command not found
vsduser@vsduser-VirtualBox:~$ ./a.out
sum of numbers from 1 to 5 is 15vsduser@vsduser-VirtualBox:~$
vsduser@vsduser-VirtualBox:~$ gedit sumiton.c
vsduser@vsduser-VirtualBox:~$ gcc sumiton.c
vsduser@vsduser-VirtualBox:~$ ./a.out
sum of numbers from 1 to 5 is 15
vsduser@vsduser-VirtualBox:~$ gedit sumiton.c
vsduser@vsduser-VirtualBox:~$ gcc sumiton.c
vsduser@vsduser-VirtualBox:~$ ./a.out
sum of numbers from 1 to 100 is 5050
vsduser@vsduser-VirtualBox:~$ gedit sumiton.c
vsduser@vsduser-VirtualBox:~$
```

vsduser@vsduser-VirtualBox: ~

File Edit View Search Terminal Help

```
vsduser@vsduser-VirtualBox:~$ cd
vsduser@vsduser-VirtualBox:~$ gedit sum1ton.c
vsduser@vsduser-VirtualBox:~$ gcc sum1ton.c
vsduser@vsduser-VirtualBox:~$ ls-ltr
ls-ltr: command not found
vsduser@vsduser-VirtualBox:~$ ./ls-ltr
bash: ./ls-ltr: No such file or directory
vsduser@vsduser-VirtualBox:~$ a.out
a.out: command not found
vsduser@vsduser-VirtualBox:~$ ls.ltr
ls.ltr: command not found
vsduser@vsduser-VirtualBox:~$ ./a.out
sum of numbers from 1 to 5 is 15vsduser@vsduser-VirtualBox:~$
vsduser@vsduser-VirtualBox:~$ gedit sum1ton.c
vsduser@vsduser-VirtualBox:~$ gcc sum1ton.c
vsduser@vsduser-VirtualBox:~$ ./a.out
sum of numbers from 1 to 5 is 15
vsduser@vsduser-VirtualBox:~$ gedit sum1ton.c
vsduser@vsduser-VirtualBox:~$ gcc sum1ton.c
vsduser@vsduser-VirtualBox:~$ ./a.out
sum of numbers from 1 to 100 is 5050
vsduser@vsduser-VirtualBox:~$
```