

```

#107: ./a.out
Address          Kbytes      RSS      Dirty Mode Mapping
000056019287e000 4          4          0 r---- a.out
000056019287f000 4          4          0 r-x-- a.out
0000560192880000 4          4          0 r---- a.out
0000560192881000 4          4          4 r---- a.out
0000560192882000 4          4          4 rw--- a.out
00005601933b6000 132        4          4 rw--- [ anon ]
00007f3ee0045000 12         8          8 rw--- [ anon ]
00007f3ee0048000 160        160         0 r---- libc.so.6
00007f3ee0070000 1620       896         0 r-x-- libc.so.6
00007f3ee0205000 352        128         0 r---- libc.so.6
00007f3ee025d000 16         16         16 r---- libc.so.6
00007f3ee0261000 8          8          8 rw--- libc.so.6
00007f3ee0263000 52         20         20 rw--- [ anon ]
00007f3ee027f000 8          4          4 rw--- [ anon ]
00007f3ee0281000 8          8          0 r---- ld-linux-x86-64.so.2
00007f3ee0283000 168        168         0 r-x-- ld-linux-x86-64.so.2
00007f3ee02ad000 44         40         0 r---- ld-linux-x86-64.so.2
00007f3ee02b9000 8          8          8 r---- ld-linux-x86-64.so.2
00007f3ee02bb000 8          8          8 rw--- ld-linux-x86-64.so.2
00007ffc8ccd000 132        16         16 rw--- [ stack ]
00007ffc8cde6000 16         0          0 r---- [ anon ]
00007ffc8cdea000 8          4          0 r-x-- [ anon ]
ffffffffffff600000 4          0          0 --x-- [ anon ]
-----
total kB          2776      1516      100

```

## C PROGRAM

```
ayushmaan@ASJ:~$ pmap -x 4300
4300: ./a.out 1000 20
Address      Kbytes      RSS      Dirty Mode  Mapping
00005582a8cd3000      4          4          0 r---- a.out
00005582a8cd4000      4          4          0 r-x-- a.out
00005582a8cd5000      4          4          0 r---- a.out
00005582a8cd6000      4          4          4 r---- a.out
00005582a8cd7000      4          4          4 rw--- a.out
00005582aa35f000     132          4          4 rw--- [ anon ]
00007f930837b000 1024016 1024012 1024012 rw--- [ anon ]
00007f9346b7f000     160         160          0 r---- libc.so.6
00007f9346ba7000    1620        988          0 r-x-- libc.so.6
00007f9346d3c000     352        124          0 r---- libc.so.6
00007f9346d94000      16          16         16 r---- libc.so.6
00007f9346d98000       8           8          8 rw--- libc.so.6
00007f9346d9a000     52          20         20 rw--- [ anon ]
00007f9346db6000       8           4          4 rw--- [ anon ]
00007f9346db8000       8           8          0 r---- ld-linux-x86-64.so.2
00007f9346dba000    168        168          0 r-x-- ld-linux-x86-64.so.2
00007f9346de4000     44          40          0 r---- ld-linux-x86-64.so.2
00007f9346df0000       8           8          8 r---- ld-linux-x86-64.so.2
00007f9346df2000       8           8          8 rw--- ld-linux-x86-64.so.2
00007ffddd480000    132          16         16 rw--- [ stack ]
00007ffddd4ec000     16           0          0 r---- [ anon ]
00007ffddd4f0000       8           4          0 r-x-- [ anon ]
fffffffffff6000000      4           0          0 --x-- [ anon ]
-----
total kB      1026780 1025608 1024104
```