

EXPERIMENT 8:

Title : Observe and understand the process map of the previous two lab programs (Experiment 6 and Experiment 7) using pmap command.

1. Run the experiment 6 and experiment 7 simultaneously.
2. Use top command to find the process id's of programs respectively.
3. Use pmap command to get the process map.

OUTPUT:

```
suraj@surajpandit:~$ pmap 11439
11439:  ./a.out 1500 20
00005555af418000      4K r---- a.out
00005555af419000      4K r-x-- a.out
00005555af41a000      4K r---- a.out
00005555af41b000      4K r---- a.out
00005555af41c000      4K rw--- a.out
00005555aff43000     132K rw--- [ anon ]
00007fe9718ae000  1536016K rw--- [ anon ]
00007fe9cf4b2000     160K r---- libc.so.6
00007fe9cf4da000    1620K r-x-- libc.so.6
00007fe9cf66f000     352K r---- libc.so.6
00007fe9cf6c7000      16K r---- libc.so.6
00007fe9cf6cb000       8K rw--- libc.so.6
00007fe9cf6cd000      52K rw--- [ anon ]
00007fe9cf6ea000       8K rw--- [ anon ]
00007fe9cf6ec000       8K r---- ld-linux-x86-64.so.2
00007fe9cf6ee000     168K r-x-- ld-linux-x86-64.so.2
00007fe9cf718000      44K r---- ld-linux-x86-64.so.2
00007fe9cf724000       8K r---- ld-linux-x86-64.so.2
00007fe9cf726000       8K rw--- ld-linux-x86-64.so.2
00007ffc5d104000     132K rw--- [ stack ]
00007ffc5d175000      16K r---- [ anon ]
00007ffc5d179000       8K r-x-- [ anon ]
fffffffffff6000000      4K --x-- [ anon ]
total                1538780K
suraj@surajpandit:~$
```

```
suraj@surajpandit:~$ pmap 11660
11660:  ./a.out
000055f3ba9a0000      4K r---- a.out
000055f3ba9a1000      4K r-x-- a.out
000055f3ba9a2000      4K r---- a.out
000055f3ba9a3000      4K r---- a.out
000055f3ba9a4000      4K rw--- a.out
000055f3bc96d000     132K rw--- [ anon ]
00007f0e65bea000      12K rw--- [ anon ]
00007f0e65bed000     160K r---- libc.so.6
00007f0e65c15000    1620K r-x-- libc.so.6
00007f0e65daa000     352K r---- libc.so.6
00007f0e65e02000      16K r---- libc.so.6
00007f0e65e06000       8K rw--- libc.so.6
00007f0e65e08000      52K rw--- [ anon ]
00007f0e65e25000       8K rw--- [ anon ]
00007f0e65e27000       8K r---- ld-linux-x86-64.so.2
00007f0e65e29000     168K r-x-- ld-linux-x86-64.so.2
00007f0e65e53000      44K r---- ld-linux-x86-64.so.2
00007f0e65e5f000       8K r---- ld-linux-x86-64.so.2
00007f0e65e61000       8K rw--- ld-linux-x86-64.so.2
00007ffc72403000     132K rw--- [ stack ]
00007ffc7249d000      16K r---- [ anon ]
00007ffc724a1000       8K r-x-- [ anon ]
fffffffffff6000000      4K --x-- [ anon ]
total                2776K
```