



EXPERIMENT 8

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ROLLNO. 2021A1R168

CSE SEM 3

OPERATING SYSTEM (COM-312)

Experiment 8:

Observe and understand the process map of the previous two experiments 6 & 7 using pmap command.

Command: `pmap pidoftheexperiment`

```
vanshak@HP-laptop:/mnt/d$ pmap 131
131:  ./a.out 1500 10
00007f9e42010000 1536004K rw--- [ anon ]
00007f9e9fc20000    12K rw--- [ anon ]
00007f9e9fc30000   160K r---- libc.so.6
00007f9e9fc58000  1620K r-x-- libc.so.6
00007f9e9fded000   352K r---- libc.so.6
00007f9e9fe45000    16K r---- libc.so.6
00007f9e9fe49000     8K rw--- libc.so.6
00007f9e9fe4b000    52K rw--- [ anon ]
00007f9e9fe60000     4K r---- ld-linux-x86-64.so.2
00007f9e9fe61000     4K r---- ld-linux-x86-64.so.2
00007f9e9fe62000   164K r-x-- ld-linux-x86-64.so.2
00007f9e9fe8b000     4K r-x-- ld-linux-x86-64.so.2
00007f9e9fe8c000    40K r---- ld-linux-x86-64.so.2
00007f9e9fe96000     4K r---- ld-linux-x86-64.so.2
00007f9e9fe98000     8K r---- ld-linux-x86-64.so.2
00007f9e9fe9a000     8K rw--- ld-linux-x86-64.so.2
00007f9e9fea0000     8K rw--- [ anon ]
00007f9e9fea4000     4K r---- a.out
00007f9e9fea5000     4K r-x-- a.out
00007f9e9fea6000     4K r---- a.out
00007f9e9fea7000     4K r---- a.out
00007f9e9fea8000     4K rw--- a.out
00007ffff020e000   132K rw--- [ anon ]
00007ffff7ec4000  8192K rw--- [ anon ]
00007ffff8a09000     4K r-x-- [ anon ]
total          1546816K
```

```

vanshak@HP-laptop:/mnt/d$ pmap 139
139:  ./a.out
00007faecabe0000      12K rw---  [ anon ]
00007faecabf0000     160K r----  libc.so.6
00007faecac18000    1620K r-x--  libc.so.6
00007faecadad000     352K r----  libc.so.6
00007faecae05000     16K r----  libc.so.6
00007faecae09000      8K rw---  libc.so.6
00007faecae0b000     52K rw---  [ anon ]
00007faecae20000      4K r----  ld-linux-x86-64.so.2
00007faecae21000      4K r----  ld-linux-x86-64.so.2
00007faecae22000    164K r-x--  ld-linux-x86-64.so.2
00007faecae4b000      4K r-x--  ld-linux-x86-64.so.2
00007faecae4c000     40K r----  ld-linux-x86-64.so.2
00007faecae56000      4K r----  ld-linux-x86-64.so.2
00007faecae58000      8K r----  ld-linux-x86-64.so.2
00007faecae5a000      8K rw---  ld-linux-x86-64.so.2
00007faecae60000      8K rw---  [ anon ]
00007faecae67000      4K r----  a.out
00007faecae68000      4K r-x--  a.out
00007faecae69000      4K r----  a.out
00007faecae6a000      4K r----  a.out
00007faecae6b000      4K rw---  a.out
00007fffeabc2000    132K rw---  [ anon ]
00007ffff1148000   8192K rw---  [ anon ]
00007ffff19f2000      4K r-x--  [ anon ]
total                10812K

```

```

vanshak@HP-laptop:/mnt/d$ pmap 152
152:  ./a.out
00007fff33270000      12K rw---  [ anon ]
00007fff33280000     160K r----  libc.so.6
00007fff332a8000    1620K r-x--  libc.so.6
00007fff33343d000     352K r----  libc.so.6
00007fff333495000     16K r----  libc.so.6
00007fff333499000      8K rw---  libc.so.6
00007fff33349b000     52K rw---  [ anon ]
00007fff3334b0000      8K rw---  [ anon ]
00007fff3334c0000      4K r----  ld-linux-x86-64.so.2
00007fff3334c1000      4K r----  ld-linux-x86-64.so.2
00007fff3334c2000    164K r-x--  ld-linux-x86-64.so.2
00007fff3334eb000      4K r-x--  ld-linux-x86-64.so.2
00007fff3334ec000     40K r----  ld-linux-x86-64.so.2
00007fff3334f6000      4K r----  ld-linux-x86-64.so.2
00007fff3334f8000      8K r----  ld-linux-x86-64.so.2
00007fff3334fa000      8K rw---  ld-linux-x86-64.so.2
00007fff3334fc000      4K r----  a.out
00007fff3334fd000      4K r-x--  a.out
00007fff3334fe000      4K r----  a.out
00007fff3334ff000      4K r----  a.out
00007fff333500000      4K rw---  a.out
00007fffb8b73000    132K rw---  [ anon ]
00007fffc01c8000   8192K rw---  [ anon ]
00007fffc0c5f000      4K r-x--  [ anon ]
total                10812K

```