Task 1

joer@joer-VirtualBox:~/os\_lab\_2019/lab4/src/srcLab3$ ./parallel\_min\_maxMF.out --seed=12 --array\_size=200000000 --pnum=2 --timeout=1 by\_files

Timeout!  
Process 19698 is free.

Process 19699 is free.

Min: 24

Max: 2147483623

Elapsed time: 1799.125000ms

Time is out and 2 process were slain.

Task 2

int main(){

pid\_t child\_pid= fork();

//If this process is parent.

if (child\_pid > 0){

sleep(60);

}

else{

//It child.

exit(0);

}

return 0;

}

While program run:

ps -e -o pid,ppid,stat,cmd

...

6789 4177 S+ ./zombie.out

6790 6789 Z+ [zombie.out] <defunct>

After:

...

6797 6665 R+ ps -e -o pid,ppid,stat,cmd

The zombie process was slain by daemon “init”.