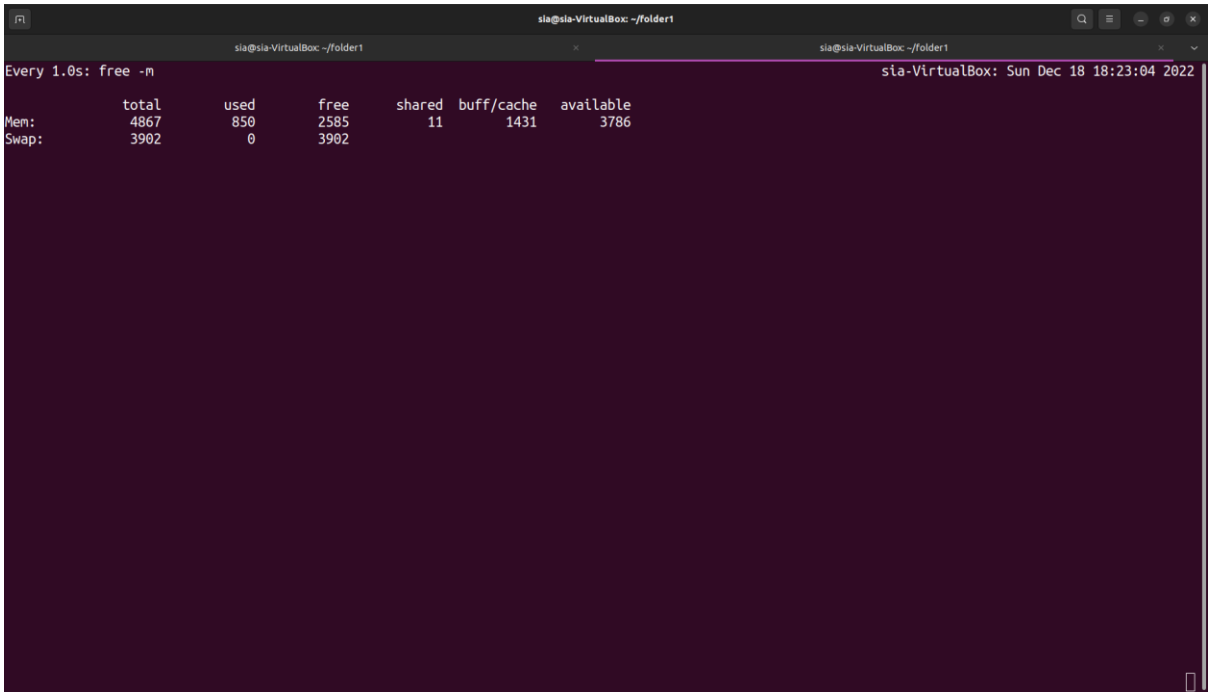
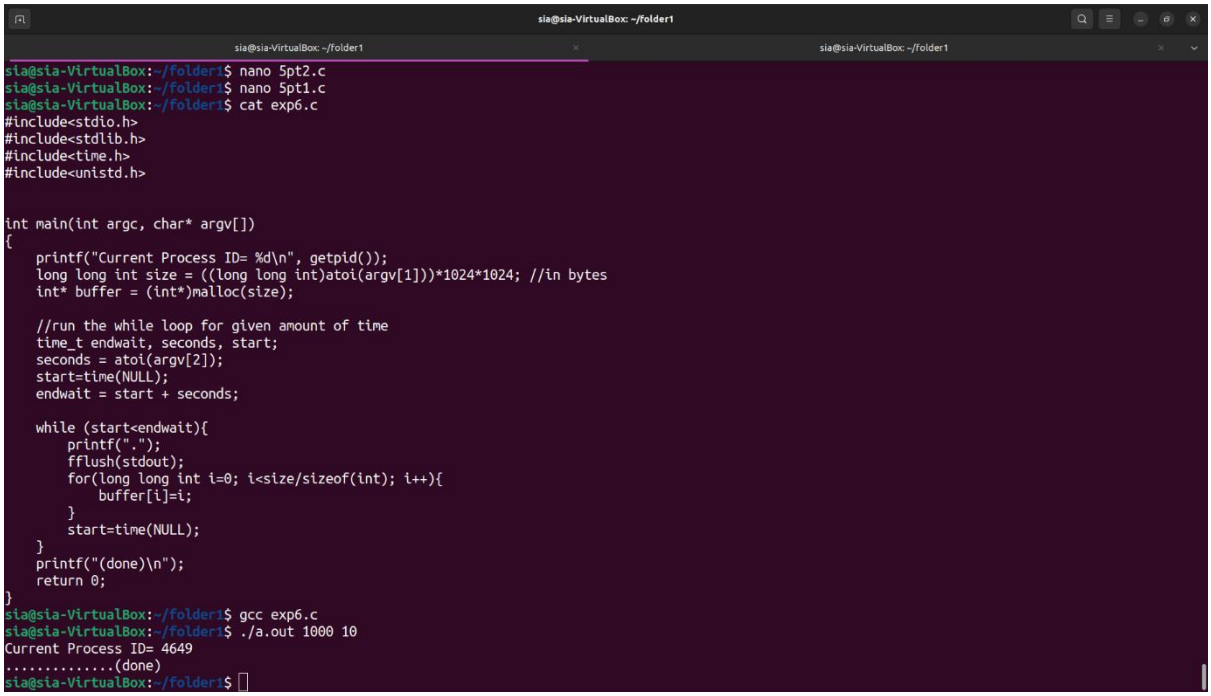
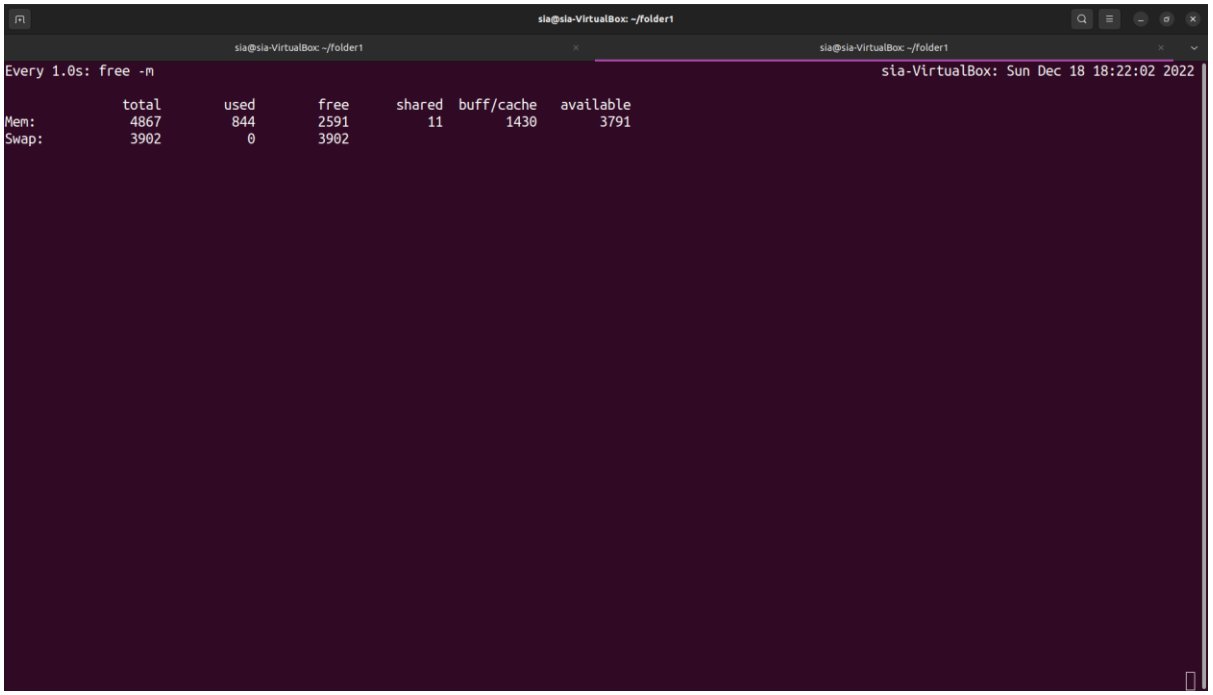
Experiment – 6

Write a C program that takes, as a command line argument, the number of megabytes of memory it will use and during execution it should consume that much memory. Observe memory usage during program execution using free command.






sia@sia-VirtualBox: ~/folder1
sia@sia-VirtualBox: ~/folder1
sia@sia-VirtualBox: ~/folder1
Every 1.0s: free -m
sia-VirtualBox: Sun Dec 18 18:22:02 2022
total used free shared buff/cache available
Mem: 4867 844 2591 11 1430 3791
Swap: 3902 0 3902