Experiment – 7

Write a CPU bound C program and a I/O bound C program and observe the effect of their CPU share using the top command and its variants.

097Result=919805447Result=689848289Result=1831842416Result=-1986974544Result=71657Result=8486Result=1293Result=1076Result= 611589079Result=8346Result=11343Result=1402Result=1025Result=986556117Result=9624Result=3243Result=659Result=644Result=-6021114Result=-976340331Result=1561519075Result=-976349411Result=-785628378Result=1513042078Result=689852097Result=9198054 47Result=689848289Result=1831842416Result=-1986974544Result=71657Result=8486Result=1293Result=1076Result=611589079Result=8 346Result=11343Result=1402Result=1025Result=986556117Result=9624Result=3243Result=659Result=644Result=-446021114Result=-97 6340331Result=1561519075Result=-976349411Result=-785628378Result=1513042078Result=689852097Result=919805447Result=68984828 9Result=1831842416Result=-1986974544Result=71657Result=8486Result=1293Result=1076Result=611589079Result=8346Result=11343Result=1402Result=1025Result=986556117Result=9624Result=3243Result=659Result=644Result=-446021114Result=-976340331Result=156 1519075Result=-976349411Result=-785628378Result=1513042078Result=689852097Result=919805447Result=689848289Result=18318424 6Result=-1986974544Result=71657Result=8486Result=1293Result=1076Result=611589079Result=8346Result=11343Result=1402Result=1 025Result=986556117Result=9624Result=3243Result=659Result=644Result=-446021114Result=-976340331Result=1561519075Result=-97 6349411Result=-785628378Result=1513042078Result=689852097Result=919805447Result=689848289Result=1831842416Result=-19869745 44Result=71657Result=8486Result=1293Result=1076Result=611589079Result=8346Result=11343Result=1402Result=1025Result=9865561 17Result=9624Result=3243Result=659Result=644Result=-446021114Result=-976340331Result=1561519075Result=-976349411Result=-78 5628378Result=1513042078Result=689852097Result=919805447Result=689848289Result=1831842416Result=-1986974544Result=71657Res ult=8486Result=1293Result=1076Result=611589079Result=8346Result=11343Result=1402Result=1025Result=986556117Result=9624Resu lt=3243Result=659Result=644Result=-446021114Result=-976340331Result=1561519075Result=-976349411Result=-785628378Result=151 3042078Result=689852097Result=919805447Result=689848289Result=1831842416Result=-1986974544Result=71657Result=8486Result=12 93Result=1076Result=611589079Result=8346Result=11343Result=1402Result=1025Result=986556117Result=9624Result=3243Result=659 Result=644Result=-446021114Result=-976340331Result=1561519075Result=-976349411Result=-785628378Result=1513042078Result=689 852097Result=919805447Result=689848289Result=1831842416Result=-1986974544Result=71657Result=8486Result=1293Result=1076Resu t=611589079Result=8346Result=11343Result=1402Result=1025Result=986556117Result=9624Result=3243Result=659Result=644Result ·446021114Result=-976340331Result=1561519075Result=-976349411Result=-785628378Result=1513042078Result=689852097Result=9198 05447Result=689848289Result=1831842416Result=-1986974544Result=71657Result=8486Result=1293Result=1076Result=611589079Result= t=8346Result=11343Result=1402Result=1025Result=986556117Result=9624Result=3243Result=659Result=644Result=-446021114Result= 976340331Result=1561519075Result=-976349411Result=-785628378Result=1513042078Result=689852097Result=919805447Result=68984 8289Result=1831842416Result=-1986974544Result=71657Result=8486Result=1293Result=1076Result=611589079Result=8346Result=1134 3Result=1402Result=1025Result=986556117Result=9624Result=3243Result=659Result=644Result=-446021114Result=-976340331Result= 1561519075Result=-976349411Result=-785628378Result=1513042078Result=689852097Result=919805447Result=689848289Result=183184 2416Result=-1986974544Result=7<u>1</u>657Result=8486Result=1293Result=1076Result=611589079Result=8346Result=11343Result=^C sia@sia-VirtualBox:~/fol



