Note: this is just one trial for each of the three benchmark tests for simpsh

[classzac@lnxsrv09 ~/cs111/Lab1/lab1c]$ make benchmark
rm -f *.o simpsh *.tar.gz file*.txt err*.txt
gcc -o simpsh -g lab1c.c
touch file1.txt
./simpsh --profile --rdonly a0.txt --trunc --wronly file1.txt --creat --wronly err1.txt \
       --pipe --pipe --pipe --pipe --pipe --command 0 4 2 tr [:blank:] '\n' --command 3 6 2 sort \
       --command 5 8 2 tr 'k' '\n' --command 7 10 2 sort --command 9 12 2 rev --command 11 1 2 wc
--wait
--rdonly a0.txt
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.001930
specific system time for current process = 0.001930

--trunc --wronly file1.txt
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002009
specific system time for current process = 0.000079

--creat --wronly err1.txt
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002081
specific system time for current process = 0.000072

--pipe
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002101
specific system time for current process = 0.000020

--pipe
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002114
specific system time for current process = 0.000013

--pipe
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002127
specific system time for current process = 0.000013

--pipe
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002139
specific system time for current process = 0.000012

--pipe
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002152
specific system time for current process = 0.000013

~ parent process time for --command: ~
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002231
specific system time for current process = 0.000079

~ parent process time for --command: ~
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002308
specific system time for current process = 0.000077

--command 0 4 2 tr [:blank:] \n
~ parent process time for --command: ~
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002398
specific system time for current process = 0.000090

--command 3 6 2 sort
--command 5 8 2 tr k \n
~ parent process time for --command: ~
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002483
specific system time for current process = 0.000085

--command 7 10 2 sort
~ parent process time for --command: ~
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002558
specific system time for current process = 0.000075

--command 9 12 2 rev
~ parent process time for --command: ~
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002675
specific system time for current process   = 0.000117

--wait
--command 11 1 2 wc
total child time for all processes   = 0.073029
specific child time for current process   = 0.073029
total system time for all processes   = 0.049372
specific system time for the child process = 0.049372

0 tr [:blank:] \n
total child time for all processes   = 0.165294
specific child time for current process   = 0.092265
total system time for all processes   = 0.129408
specific system time for the child process = 0.080036

0 tr k \n
total child time for all processes   = 49.872609
specific child time for current process   = 49.707315
total system time for all processes   = 0.458463
specific system time for the child process = 0.329055

0 sort
total child time for all processes   = 66.795712
specific child time for current process   = 16.923103
total system time for all processes   = 0.799049
specific system time for the child process = 0.340586

0 sort
total child time for all processes   = 68.624397
specific child time for current process   = 1.828685
total system time for all processes   = 0.857582
specific system time for the child process = 0.058533

0 rev
total child time for all processes   = 70.401034
specific child time for current process   = 1.776637
total system time for all processes   = 0.899925
specific system time for the child process = 0.042343

0 wc
~ parent process time for --wait: ~

total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.003093
specific system time for current process   = 0.000418

echo -e "bench test A done \n\n\n\n\n\n\n\n"
bench test A done

touch file2.txt
./simpsh --profile --rdonly a0.txt --trunc --wronly file2.txt --creat --wronly err2.txt \
      --pipe --pipe --pipe --pipe --pipe --command 0 4 2 tr [:blank:] '\n' --command 3 6 2 sort \
      --command 5 8 2 rev --command 7 10 2 shuf --command 9 12 2 rev --command 11 1 2 wc --wait
--rdonly a0.txt
total user time for all processes   = 0.001990
specific user time for current process   = 0.001990
total system time for all processes   = 0.000000
specific system time for current process   = 0.000000

--trunc --wronly file2.txt
total user time for all processes   = 0.002082
specific user time for current process   = 0.000092
total system time for all processes   = 0.000000
specific system time for current process   = 0.000000

--creat --wronly err2.txt
total user time for all processes   = 0.002198
specific user time for current process   = 0.000116
total system time for all processes   = 0.000000
specific system time for current process   = 0.000000

--pipe
total user time for all processes   = 0.002198
specific user time for current process   = 0.000000
total system time for all processes   = 0.001111
specific system time for current process   = 0.001111

--pipe
total user time for all processes   = 0.002198
specific user time for current process   = 0.000000
total system time for all processes   = 0.001111
specific system time for current process   = 0.000000

--pipe

total user time for all processes   = 0.002198
specific user time for current process   = 0.000000
total system time for all processes   = 0.001111
specific system time for current process   = 0.000000

--pipe
total user time for all processes   = 0.002198
specific user time for current process   = 0.000000
total system time for all processes   = 0.001111
specific system time for current process   = 0.000000

--pipe
total user time for all processes   = 0.002198
specific user time for current process   = 0.000000
total system time for all processes   = 0.001111
specific system time for current process   = 0.000000

~ parent process time for --command: ~
total user time for all processes   = 0.002198
specific user time for current process   = 0.000000
total system time for all processes   = 0.001111
specific system time for current process   = 0.000000

--command 0 4 2 tr [:blank:] \n
~ parent process time for --command: ~
total user time for all processes   = 0.002198
specific user time for current process   = 0.000000
total system time for all processes   = 0.001111
specific system time for current process   = 0.000000

--command 3 6 2 sort
~ parent process time for --command: ~
total user time for all processes   = 0.002198
specific user time for current process   = 0.000000
total system time for all processes   = 0.001111
specific system time for current process   = 0.000000

--command 5 8 2 rev
~ parent process time for --command: ~
total user time for all processes   = 0.002198
specific user time for current process   = 0.000000
total system time for all processes   = 0.001111
specific system time for current process   = 0.000000

--command 7 10 2 shuf
~ parent process time for --command: ~

total user time for all processes   = 0.002198
specific user time for current process   = 0.000000
total system time for all processes   = 0.001111
specific system time for current process = 0.000000

--command 9 12 2 rev
~ parent process time for --command: ~
total user time for all processes   = 0.002198
specific user time for current process   = 0.000000
total system time for all processes   = 0.001111
specific system time for current process = 0.000000

--wait
--command 11 1 2 wc
total child time for all processes   = 0.067042
specific child time for current process   = 0.067042
total system time for all processes   = 0.053634
specific system time for the child process = 0.053634

0 tr [:blank:] \n
total child time for all processes   = 1.816499
specific child time for current process   = 1.749457
total system time for all processes   = 0.127611
specific system time for the child process = 0.073977

0 rev
total child time for all processes   = 51.715758
specific child time for current process   = 49.899259
total system time for all processes   = 0.454704
specific system time for the child process = 0.327093

0 sort
total child time for all processes   = 53.690304
specific child time for current process   = 1.974546
total system time for all processes   = 0.529687
specific system time for the child process = 0.074983

0 rev
total child time for all processes   = 55.619069
specific child time for current process   = 1.928765
total system time for all processes   = 0.566155
specific system time for the child process = 0.036468

0 wc
total child time for all processes   = 58.264088
specific child time for current process   = 2.645019

total system time for all processes   = 0.767120
specific system time for the child process = 0.200965

0 shuf
~ parent process time for --wait: ~
total user time for all processes   = 0.002198
specific user time for current process   = 0.000000
total system time for all processes   = 0.001111
specific system time for current process   = 0.000000

echo -e "bench test B done \n\n\n\n\n\n\n\n"
bench test B done

touch file3.txt
./simpsh --profile --rdonly a0.txt --trunc --wronly file3.txt --creat --wronly err3.txt \
      --pipe --pipe --pipe --pipe --pipe --command 0 4 2 tr [:blank:] '\n' --command 3 6 2 sort \
      --command 5 8 2 tr a-d A-D --command 7 10 2 tr C-G k-o --command 9 12 2 sort \
      --command 11 1 2 rev --wait
--rdonly a0.txt
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002166
specific system time for current process   = 0.002166

--trunc --wronly file3.txt
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002313
specific system time for current process   = 0.000147

--creat --wronly err3.txt
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002455
specific system time for current process   = 0.000142

--pipe
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000

total system time for all processes   = 0.002478
specific system time for current process   = 0.000023

--pipe
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002491
specific system time for current process   = 0.000013

--pipe
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002504
specific system time for current process   = 0.000013

--pipe
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002516
specific system time for current process   = 0.000012

--pipe
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002528
specific system time for current process   = 0.000012

~ parent process time for --command: ~
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002595
specific system time for current process   = 0.000067

~ parent process time for --command: ~
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002679
specific system time for current process   = 0.000084

--command 0 4 2 tr [:blank:] \n
~ parent process time for --command: ~
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002760
specific system time for current process   = 0.000081

~ parent process time for --command: ~
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002862
specific system time for current process = 0.000102

--command 3 6 2 sort
--command 5 8 2 tr a-d A-D
~ parent process time for --command: ~
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.002931
--command 7 10 2 tr C-G k-o
specific system time for current process = 0.000069

--command 9 12 2 sort
~ parent process time for --command: ~
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.003024
specific system time for current process = 0.000093

--wait
--command 11 1 2 rev
total child time for all processes   = 0.069293
specific child time for current process   = 0.069293
total system time for all processes   = 0.054594
specific system time for the child process = 0.054594

0 tr [:blank:] \n
total child time for all processes   = 0.149027
specific child time for current process   = 0.079734
total system time for all processes   = 0.139190
specific system time for the child process = 0.084596

0 tr a-d A-D
total child time for all processes   = 50.534889
specific child time for current process   = 50.385862
total system time for all processes   = 0.474183
specific system time for the child process = 0.334993

0 sort
total child time for all processes   = 50.620056
specific child time for current process   = 0.085167
total system time for all processes   = 0.532251
specific system time for the child process = 0.058068

0 tr C-G k-o
total child time for all processes   = 67.389209
specific child time for current process   = 16.769153
total system time for all processes   = 0.818817
specific system time for the child process = 0.286566

0 sort
total child time for all processes   = 69.083208
specific child time for current process   = 1.693999
total system time for all processes   = 0.922940
specific system time for the child process = 0.104123

0 rev
~ parent process time for --wait: ~
total user time for all processes   = 0.000000
specific user time for current process   = 0.000000
total system time for all processes   = 0.003467
specific system time for current process = 0.000443

echo -e "bench test C done \n\n\n\n\n\n\n\n"
bench test C done