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cprovan@ubuntu:~/Desktop/CSCD340/Lab6$ valgrind --leak-check=yes ./lab6
==3267== Memcheck, a memory error detector
==3267== Copyright (C) 2002-2017, and GNU GPL'd, by Julian Seward et al.
==3267== Using Valgrind-3.13.0 and LibVEX; rerun with -h for copyright info
==3267== Command: ./lab6
==3267==
command?: ls
number of Pipes: 0
a.out               cscd340Lab6.c   Makefile  tokenize
cscd340_f18_lab6.pdf  cscd340Lab6.odt  pipes       utils
cscd340Lab6a.c            lab6            process
command?: ls -l | wc -w
number of Pipes: 1
PrePipe String: ls-l
PrePipe String: wc-w
101
command?: ls -l | pws
number of Pipes: 1
PrePipe String: ls-l
PrePipe String: pws
==3271==
==3271== HEAP SUMMARY:
==3271==     in use at exit: 50 bytes in 5 blocks
==3271==   total heap usage: 15 allocs, 10 frees, 2,177 bytes allocated
==3271==
==3271== LEAK SUMMARY:
==3271==    definitely lost: 0 bytes in 0 blocks
==3271==    indirectly lost: 0 bytes in 0 blocks
==3271==      possibly lost: 0 bytes in 0 blocks
==3271==    still reachable: 50 bytes in 5 blocks
==3271==         suppressed: 0 bytes in 0 blocks
==3271== Reachable blocks (those to which a pointer was found) are not shown.
==3271== To see them, rerun with: --leak-check=full --show-leak-kinds=all
==3271==
==3271== For counts of detected and suppressed errors, rerun with: -v
==3271== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 0 from 0)
command?: pws | wc -w
number of Pipes: 1
PrePipe String: pws
PrePipe String: wc-w
==3274==
==3274== HEAP SUMMARY:
==3274==     in use at exit: 50 bytes in 5 blocks
==3274==   total heap usage: 20 allocs, 15 frees, 2,227 bytes allocated
==3274==
==3274== LEAK SUMMARY:
==3274==    definitely lost: 0 bytes in 0 blocks
==3274==    indirectly lost: 0 bytes in 0 blocks
==3274==      possibly lost: 0 bytes in 0 blocks
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==3274==   still reachable: 50 bytes in 5 blocks
==3274==   suppressed: 0 bytes in 0 blocks
==3274== Reachable blocks (those to which a pointer was found) are not shown.
==3274== To see them, rerun with: --leak-check=full --show-leak-kinds=all
==3274==
==3274== For counts of detected and suppressed errors, rerun with: -v
==3274== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 0 from 0)
0
command?: exit
==3267==
==3267== HEAP SUMMARY:
==3267==   in use at exit: 0 bytes in 0 blocks
==3267==   total heap usage: 20 allocs, 20 frees, 2,227 bytes allocated
==3267==
==3267== All heap blocks were freed -- no leaks are possible
==3267==
==3267== For counts of detected and suppressed errors, rerun with: -v
==3267== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 0 from 0)
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