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File: report.pdf

1. This is how I compiled and linked my program:

*make clean*

*make*

1. I created a uspsin.txt file to run my program against

*./cpubound -minutes 1*

*./iobound -minutes 1*

1. Then I tested my program with uspsin.txt:

*./uspsv1 --quantum=200 uspsin.txt*

*./uspsv2 --quantum=200 uspsin.txt*

*./uspsv3 --quantum=200 uspsin.txt*

*./uspsv4 --quantum=200 uspsin.txt*

1. Then I tested my program manually with commands such as:

*ls –l*

*ps –a*

*sleep 1*

*cat uspsin.txt*

1. Then I ran valgrind to ensure no memory leaks:

*valgrind ./uspsv1 --quantum=200 uspsin.txt --leak-check=yes*

*valgrind ./uspsv2 --quantum=200 uspsin.txt --leak-check=yes*

*valgrind ./uspsv3 --quantum=200 uspsin.txt --leak-check=yes*

*valgrind ./uspsv4 --quantum=200 uspsin.txt --leak-check=yes*