

The output of make submit1:  
echo "Compiling test-case 1"  
Compiling test-case 1  
gcc -g -Werror -O3 -L. -Wl,-rpath=. -o test1 test1.c -ldsa -lpa3 -lm  
./test1 100000  
Creating 100000 uids took 59 ms.  
adding 100000 records took 4 ms.  
Inserting 3200000 messages took 3042 ms.  
Deleting 50000 messages took 1413 ms.  
Deleting all took 72 ms.  
Test-case-1 passed  
./test1 1000000  
Creating 1000000 uids took 1060 ms.  
adding 1000000 records took 47 ms.  
Inserting 32000000 messages took 51857 ms.  
Deleting 500000 messages took 16087 ms.  
Deleting all took 804 ms.  
Test-case-1 passed

The output of make submit2:  
echo "Compiling test-case 2"  
Compiling test-case 2  
gcc -g -Werror -O3 -L. -Wl,-rpath=. -o test2 test2.c -ldsa -lpa3 -lm  
./test2 100000  
Creating 100000 uids took 52 ms.  
adding 100000 records took 5 ms.  
Inserting 3200000 messages took 2590 ms.  
Deleting took 1189 ms.  
history took 800 ms.  
Deleting all took 65 ms.  
Test-case-2 passed  
./test2 1000000  
Creating 1000000 uids took 1070 ms.  
adding 1000000 records took 47 ms.  
Inserting 32000000 messages took 47387 ms.  
Deleting took 14243 ms.  
history took 11099 ms.  
Deleting all took 938 ms.  
Test-case-2 passed

The output of make submit3:  
echo "Compiling test-case 3"  
Compiling test-case 3  
gcc -g -Werror -O3 -L. -Wl,-rpath=. -o test3 test3.c -ldsa -lpa3 -lm  
./test3 100000  
Creating 100000 uids took 348 ms.  
adding 100000 records took 13 ms.  
Inserting 3200000 messages took 12059 ms.  
Deleting took 3498 ms.  
test3: test3.c:90: main: Assertion 'checksum == vid\_arr[vid]' failed.  
make: \*\*\* [Makefile:55: submit3] Aborted