```
iiitd@iiitd-ThinkCentre-M70s-Gen-3:~/Downloads/DSALAB-master/PA3$ 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 53 ms.
adding 100000 records took 5 ms.
Inserting 3200000 messages took 3104 ms.
Deleting 50000 messages took 1415 ms.
Deleting all took 25 ms.
Test-case-1 passed
./test1 1000000
Creating 1000000 uids took 1059 ms.
adding 1000000 records took 47 ms.
Inserting 32000000 messages took 57224 ms.
Deleting 500000 messages took 17981 ms.
Deleting all took 252 ms.
Test-case-1 passed
```

```
iiitd@iiitd-ThinkCentre-M70s-Gen-3:~/Downloads/DSALAB-master/PA3$ 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 53 ms.
adding 100000 records took 5 ms.
Inserting 3200000 messages took 2649 ms.
Deleting took 1206 ms.
history took 505 ms.
Deleting all took 24 ms.
Test-case-2 passed
./test2 1000000
Creating 1000000 uids took 1113 ms.
adding 1000000 records took 47 ms.
Inserting 32000000 messages took 48354 ms.
Deleting took 14318 ms.
history took 8335 ms.
Deleting all took 256 ms.
Test-case-2 passed
```

```
iiitd@iiitd-ThinkCentre-M70s-Gen-3:~/Downloads/DSALAB-master/PA3$ 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 55 ms.
adding 100000 records took 5 ms.
Inserting 3200000 messages took 2693 ms.
Deleting took 1226 ms.
Clean history took 1119 ms.
Deleting all took 25 ms.
Test-case-3 passed
./test3 1000000
Creating 1000000 uids took 1068 ms.
adding 1000000 records took 48 ms.
Inserting 32000000 messages took 49878 ms.
Deleting took 14644 ms.
Clean history took 15403 ms.
Deleting all took 259 ms.
Test-case-3 passed
```

iiitd@iiitd-ThinkCentre-M70s-Gen-3:~/Downloads/DSALAB-master/PA3$ 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 53 ms.

adding 100000 records took 5 ms.
Inserting 3200000 messages took 3104 ms.
Deleting 50000 messages took 1415 ms.
Deleting all took 25 ms.
Test-case-1 passed
./test1 1000000
Creating 1000000 uids took 1059 ms.
adding 1000000 records took 47 ms.
Inserting 32000000 messages took 57224 ms.
Deleting 500000 messages took 17981 ms.
Deleting all took 252 ms.
Test-case-1 passed

iiitd@iiitd-ThinkCentre-M70s-Gen-3:~/Downloads/DSALAB-master/PA3$ 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 53 ms.
adding 100000 records took 5 ms.
Inserting 3200000 messages took 2649 ms.
Deleting took 1206 ms.
history took 505 ms.
Deleting all took 24 ms.
Test-case-2 passed
./test2 1000000
Creating 1000000 uids took 1113 ms.
adding 1000000 records took 47 ms.
Inserting 32000000 messages took 48354 ms.
Deleting took 14318 ms.
history took 8335 ms.
Deleting all took 256 ms.
Test-case-2 passed

iiitd@iiitd-ThinkCentre-M70s-Gen-3:~/Downloads/DSALAB-master/PA3$ 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 55 ms.
adding 100000 records took 5 ms.
Inserting 3200000 messages took 2693 ms.
Deleting took 1226 ms.
Clean history took 1119 ms.

Deleting all took 25 ms.
Test-case-3 passed
./test3 1000000
Creating 1000000 uids took 1068 ms.
adding 1000000 records took 48 ms.
Inserting 32000000 messages took 49878 ms.
Deleting took 14644 ms.
Clean history took 15403 ms.
Deleting all took 259 ms.
Test-case-3 passed