

Readme

For user

gcc User.c -o u
./u

to compile
to run

For record keeper

gcc Record_Kepper.c /r
./r

to compile
to run

Test cases

TEST CASES

in terminal run ./user
enter instruction: create
enter name: leslie
enter program: ELEC
enter student number: 12
enter gpa: 2

enter instruction: create
enter name: randa
enter program: ELEC
enter student number: 13
enter gpa: 7

enter instruction: create
enter name: john
enter program: ELEC
enter student number: 14
enter gpa: 6

enter instruction: create
enter name: yemi
enter program: CSE
enter student number: 17
enter gpa: 2

enter instruction: Average
Returns the average
enter instruction: exit

in terminal run ./r

DISCUSSION

user.c takes in command inputs and sends them to Record keeper.c, RECORD KEPPER.c then takes the inputs and perform operations with them and prints out the answers

Maximum number of number entries is 11 numbers and my messege queues work properly the time taken for processes to complete is beteween 10,000 to 400,000 microseconds.