

hw4-report

screenshot of output of compiling and running the program:

test1.txt

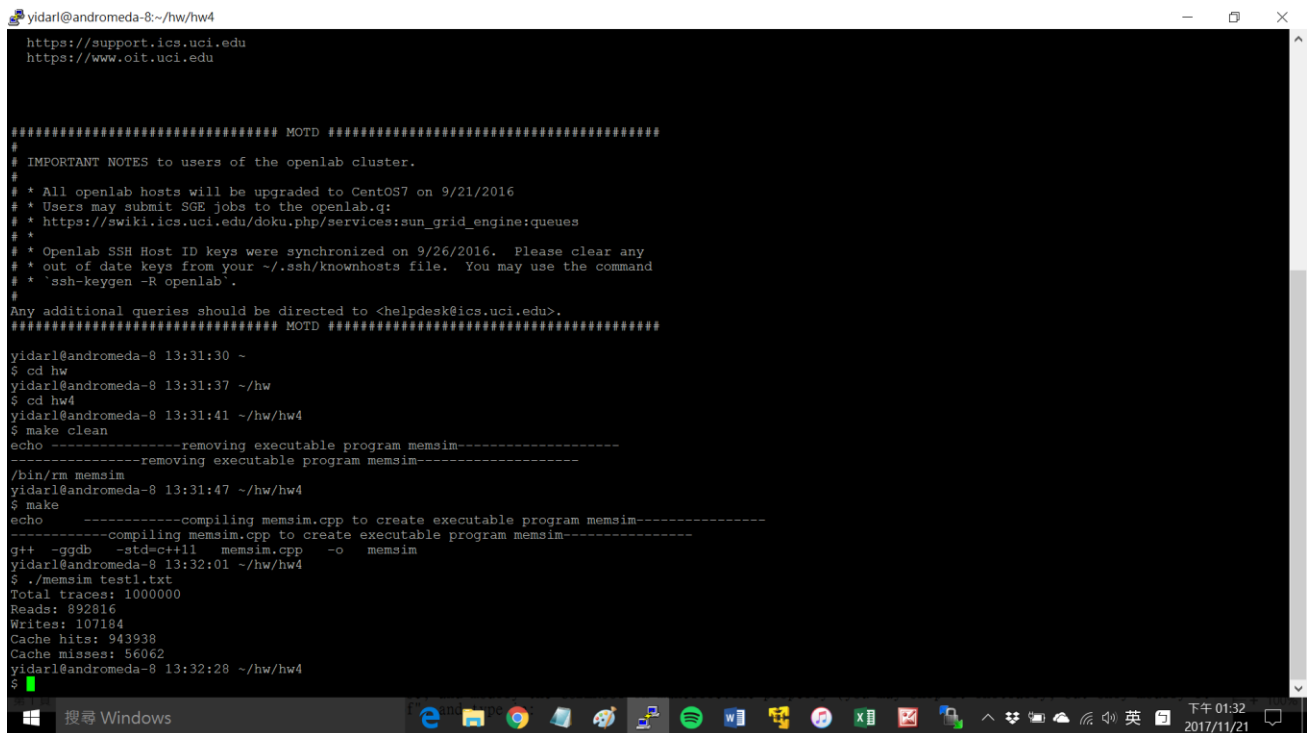
Total traces: 1000000

Reads: 892816

Writes: 107184

Cache hits: 943938

Cache misses: 56062



```
yidarl@andromeda-8: ~/hw/hw4
https://support.ics.uci.edu
https://www.oit.uci.edu

##### MOTD #####
#
# IMPORTANT NOTES to users of the openlab cluster.
#
# * All openlab hosts will be upgraded to CentOS7 on 9/21/2016
# * Users may submit SGE jobs to the openlab.q:
# * https://wiki.ics.uci.edu/doku.php/services:sun_grid_engine:queues
#
# * Openlab SSH Host ID keys were synchronized on 9/26/2016. Please clear any
# * out of date keys from your ~/.ssh/knownhosts file. You may use the command
# * 'ssh-keygen -R openlab'.
#
Any additional queries should be directed to <helpdesk@ics.uci.edu>.
##### MOTD #####

yidarl@andromeda-8 13:31:30 ~
$ cd hw
yidarl@andromeda-8 13:31:37 ~/hw
$ cd hw4
yidarl@andromeda-8 13:31:41 ~/hw/hw4
$ make clean
echo -----removing executable program memsim-----
/bin/rm memsim
yidarl@andromeda-8 13:31:47 ~/hw/hw4
$ make
echo -----compiling memsim.cpp to create executable program memsim-----
-----compiling memsim.cpp to create executable program memsim-----
g++ -g -std=c++11 memsim.cpp -o memsim
yidarl@andromeda-8 13:32:01 ~/hw/hw4
$ ./memsim test1.txt
Total traces: 1000000
Reads: 892816
Writes: 107184
Cache hits: 943938
Cache misses: 56062
yidarl@andromeda-8 13:32:28 ~/hw/hw4
$
```

test2.txt

Total traces: 1000000

Reads: 839017

Writes: 160983

Cache hits: 918610

Cache misses: 81390

```
yidarl@andromeda-8:~/hw/hw4
#
# IMPORTANT NOTES to users of the openlab cluster.
#
# * All openlab hosts will be upgraded to CentOS7 on 9/21/2016
# * Users may submit SGE jobs to the openlab.q:
# * https://wiki.ics.uci.edu/doku.php/services:sun_grid_engine:queues
#
# * Openlab SSH Host ID keys were synchronized on 9/26/2016. Please clear any
# * out of date keys from your ~/.ssh/knownhosts file. You may use the command
# * `ssh-keygen -R openlab`.
#
Any additional queries should be directed to <helpdesk@ics.uci.edu>.
##### MOVD #####

yidarl@andromeda-8 13:31:30 ~
$ cd hw
yidarl@andromeda-8 13:31:37 ~/hw
$ cd hw4
yidarl@andromeda-8 13:31:41 ~/hw/hw4
$ make clean
echo -----removing executable program memsim-----
/bin/rm memsim
yidarl@andromeda-8 13:31:47 ~/hw/hw4
$ make
echo -----compiling memsim.cpp to create executable program memsim-----
-----compiling memsim.cpp to create executable program memsim-----
g++ -g -std=c++11 memsim.cpp -o memsim
yidarl@andromeda-8 13:32:01 ~/hw/hw4
$ ./memsim test1.txt
Total traces: 1000000
Reads: 892816
Writes: 107184
Cache hits: 943938
Cache misses: 56062
yidarl@andromeda-8 13:32:28 ~/hw/hw4
$ ./memsim test2.txt
Total traces: 1000000
Reads: 839017
Writes: 160983
Cache hits: 918610
Cache misses: 81390
yidarl@andromeda-8 13:33:06 ~/hw/hw4
$
```