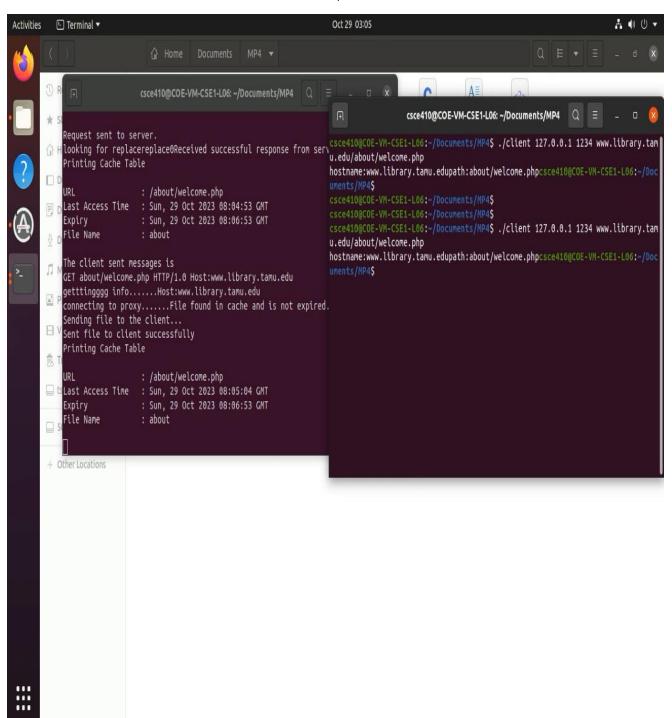
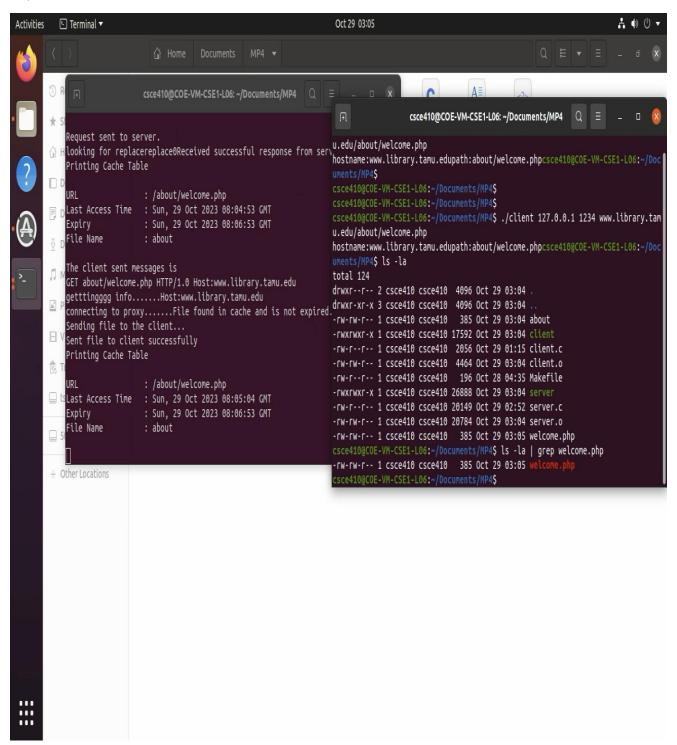
TESTCASE REPORT

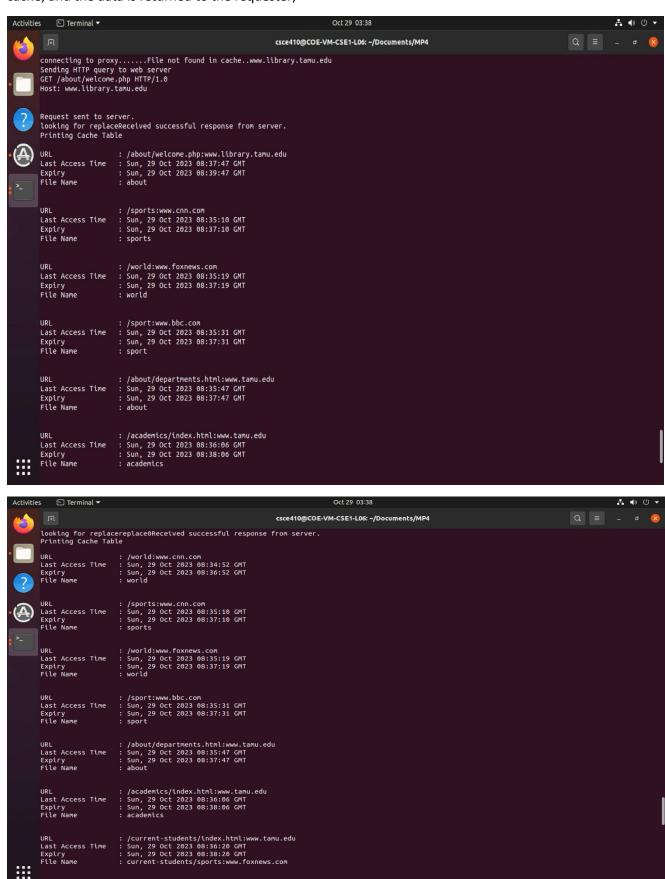
Testcase 1: A cache hit returns the saved data to the requester



Testcase 2: A request that is not in the cache is proxied, saved in the cache, and returned to the requester;



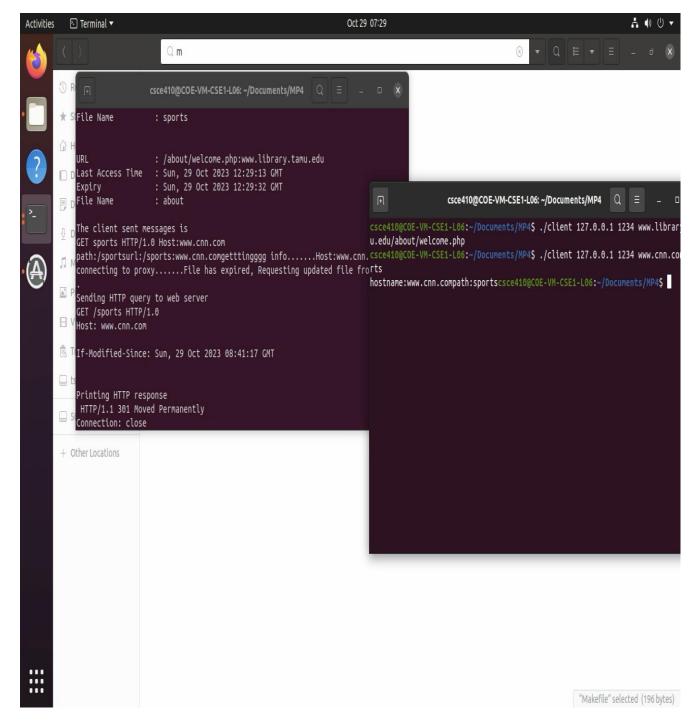
Testcase 3: A cache miss with 10 items already in the cache is proxied, saved in the LRU location in cache, and the data is returned to the requester;



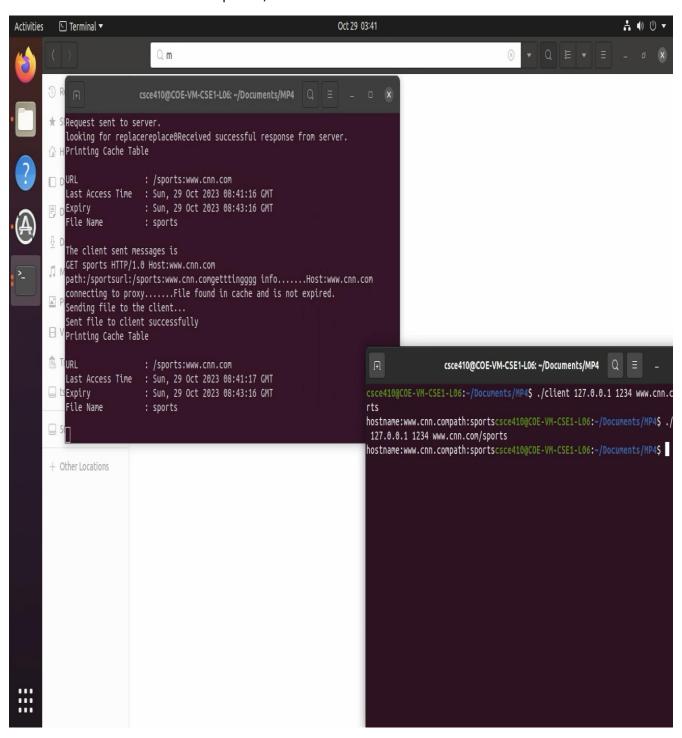
Testcase 4 & 6:

A stale Expires header in the cache is accessed, the cache entry is replaced with a fresh copy, and the fresh data is delivered to the requester;

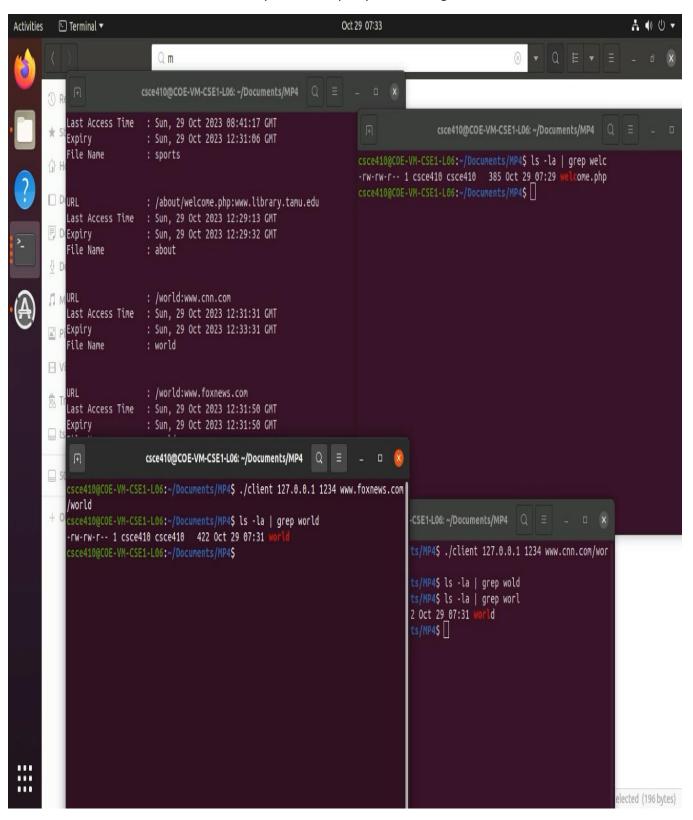
A cache entry without an Expires header that has been previously accessed from the Web server in the last 24 hours and was last modified more than one month ago is returned to the requester;



Testcase 5: A stale entry in the cache without an Expires header is determined based on the last Web server access time and last modification time, the stale cache entry is replaced with fresh data, and the fresh data is delivered to the requester;



Testcase 7: Three clients can simultaneously access the proxy server and get the correct data



Testcase 8 (Bonus):

```
The client sent messages is
GET sports HTTP/1.0 Host:www.cnn.com
path:/sportsurl:/sports:www.cnn.comgetttingggg info......Host:www.c
connecting to proxy......File has expired, Requesting updated file
.
Sending HTTP query to web server
GET /sports HTTP/1.0
Host: www.cnn.com

If-Modified-Since: Sun, 29 Oct 2023 08:41:17 GMT
```