1. Finished(probably) all of the parts
2. Constructing and destructing Userdatabase is fine but when I try to destruct Moviedatabase, there is bad excess. I cannot figure out how to fix it. When I make into pointers and new and delete works but just making MovieDataBase mdb and end code, it doesn’t work.
3. Tried using map first before making my own multi tree map. Tried to follow what map can do. I did wrote the code based on map and it works(probably) like map at least for insert and search.

The report must also document how you tested your various classes. Either a paragraph or two about how you tested each class or a list of test cases is fine. For example, you might provide a list of items like this: “I inserted *car* then *carey*, then searched to make sure both were found in the TreeMultimap.”

Tests:

UserDataBase:

* Check whether it can load my file or not
* Cin >> emails that is present in file and print out name email and all the IDs(watch history)

MovieDataBase:

* Check whether it can load my file or not
* Cin >> IDs that is present in file and print out all the details
* Using that details, check whether they can get movies having that detail.
* For example, when search for dramas, there must be 17197 cases and for actor Edgar Buchanan, there must be 25 cases of movies

TreeMultiMap:

* I checked with <int, int>
* Tested (1,1) (1,2), (1,4), (1,5), (2,3), (3,4)
* There should be three keys and ‘1’ key should have four values with it
* Checked with <string, int>
* Tested (“a”, 2), (“b”, 2), (“d”, 2), (“c”, 2), (“s”, 2), (“a”, 3)
* They should be in ordered

Recommended:

* One case that I did is using only one movie: ID38033 and how much other movies are similar to it.
* There are 2 more movies that director Charles R. Rondeau participated in
* There are 24 more movies that actor Edgar Buchanan participated in
* There are 1 more movies that actor Jean Allison participated in
* There are 4 more movies that actor Richard Crane participated in
* There are 0 more movies that actor Spencer Carlisle participated in
* There are 1 more movies that director Charles R. Rondeau participated in
* There are 4730 more movies that are a horror