Web Database Development with MySQL and PHP

This assignment refers to the Sakila database that may come preloaded with MySQL installation. If not, search for "MySQL Sakila", download and install it.

After your solution is ready, you will need to upload it to the dcm server for the TA to grade your work. The MySQL server in the dcm server already has the Sakila database installed so you can simply use the following credential when you upload your program.

Host: localhost
Username: your dcm MySQL account name
Password: your dcm MySQL account password
database: sakila

Write a very simple toy PHP MySQL Web application, h6.php, to allow the manager to manage some customer information. This is a scaled down version.
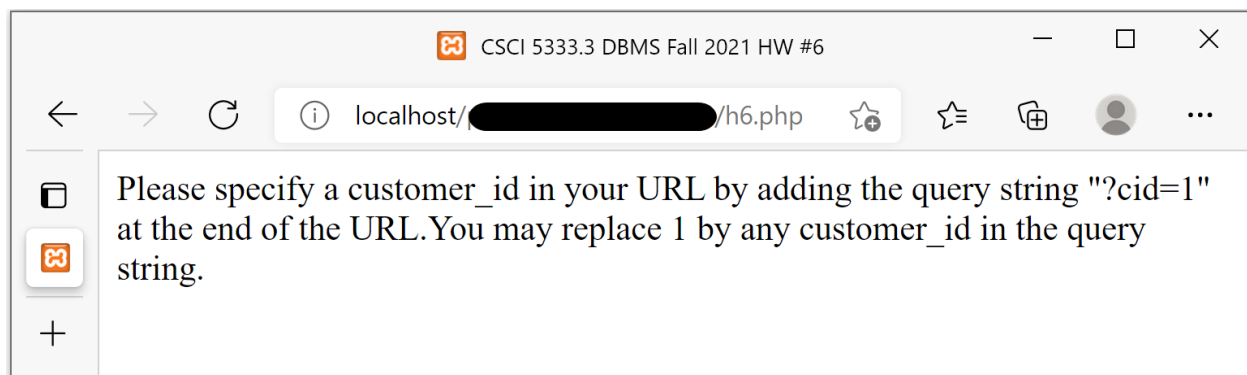
Your program and accept one of the following two parameters:

1. cid: the customer_id of a customer.
2. Fid: the film_id of a film.

If the Web application, h6.php, has HTTP input parameter:

http://.../h6.php

Your PHP program displays a simple message:

If a cid value is provided, such as 1:

http://.../h6.php?cid=1

Your PHP script should output information of all films that have been rented by the customer:

The customer with id #1 rented the following films:

1. ADAPTATION HOLES (id: #3): similar films
2. AMISTAD MIDSUMMER (id: #22): similar films
3. ATTACKS HATE (id: #44): similar films
4. BIKINI BORROWERS (id: #70): similar films
5. CLOSER BANG (id: #159): similar films
6. CONFIDENTIAL INTERVIEW (id: #174): similar films
7. DALMATIONS SWEDEN (id: #204): similar films
8. DETECTIVE VISION (id: #228): similar films
9. DOORS PRESIDENT (id: #243): similar films
10. EXPECATIONS NATURAL (id: #294): similar films
11. FERRIS MOTHER (id: #308): similar films
12. FINDING ANACONDA (id: #315): similar films
13. FIRE WOLVES (id: #316): similar films
14. FIREBALL PHILADELPHIA (id: #317): similar films
15. FROST HEAD (id: #341): similar films
16. JEEPERS WEDDING (id: #480): similar films
17. JUMANJI BLADE (id: #490): similar films
18. LUCK OPUS (id: #539): similar films
19. MINDS TRUMAN (id: #579): similar films
20. MUSKETEERS WAIT (id: #611): similar films
21. PATIENT SISTER (id: #663): similar films
22. RACER EGG (id: #709): similar films
23. SATURDAY LAMBS (id: #764): similar films
24. SAVANNAH TOWN (id: #766): similar films
25. SNATCH SLIPPER (id: #814): similar films
26. TALENTED HOMICIDE (id: #875): similar films
27. UNFORGIVEN ZOOLANDER (id: #924): similar films
28. USUAL UNTOUCHABLES (id: #929): similar films
29. WOMEN DORADO (id: #982): similar films
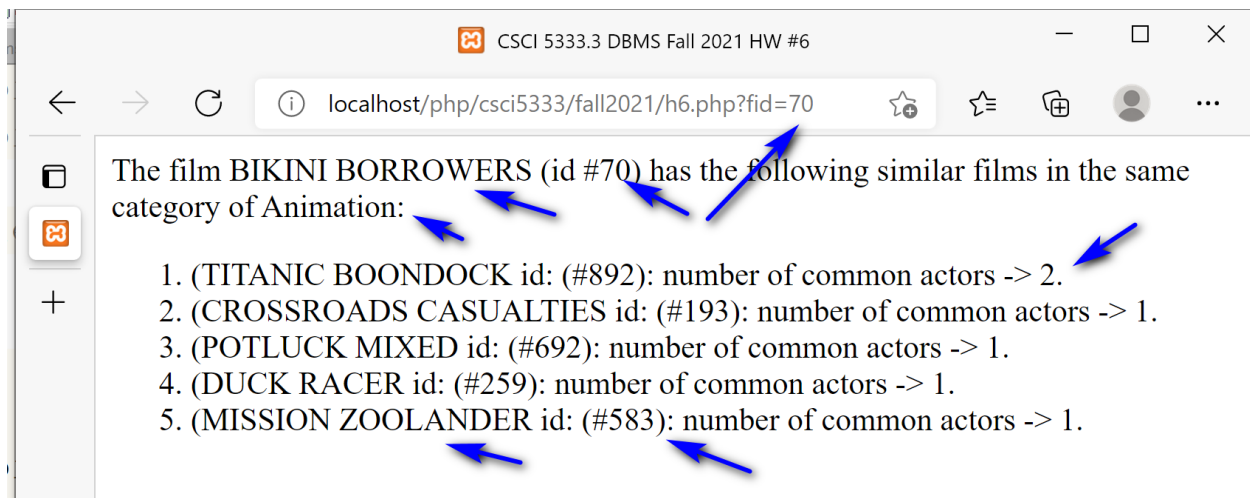30. YOUTH KICK (id: #997): similar films

Note the URL of this link: to the same PHP script with fid=3.

A similar film is a film in the same category and has at least on common actor.

Customer #1 has rented 30 films.

If a film is selected, such as fid=70, your PHP program should display the following page.

http://.../h6.php?fid=70

localhost/php/csci5333/fall2021/h6.php?fid=70

The film BIKINI BORROWERS (id #70) has the following similar films in the same category of Animation:

1. (TITANIC BOONDOCK id: (#892): number of common actors -> 2.
2. (CROSSROADS CASUALTIES id: (#193): number of common actors -> 1.
3. (POTLUCK MIXED id: (#692): number of common actors -> 1.
4. (DUCK RACER id: (#259): number of common actors -> 1.
5. (MISSION ZOOLANDER id: (#583): number of common actors -> 1.

Your Programs do not need to handle any HTTP input error, such as inccorect cid or fid.

Your solution URL for the TA to test must be http://dcm.uhcl.edu/your_account/h6.php. Submit your homework (the PHP source file) through Blackboard, together with a link to your solution URL, which may be embedded in your source code file. You may need to add .txt in the end of your film name when you submit your work.