

Homework 4

Group 5

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Introduction

In this homework, you have to create a toy [dataset](#) in Vanilla DB, trace the source code for each query and write a report. Your report should describe all the modules that been used in each query and their functions as detail as possible.

Tables:

anime

anime_anime_id	myanimelist.net's unique id identifying an anime.
name	full name of anime.
genre	comma separated list of genres for this anime.
type	movie, TV, OVA, etc.
episodes	how many episodes in this show. (1 if movie, 0 for unknown).

ratings

user_id	user id.
ratings_anime_id	the anime that this user has rated.
rating	rating out of 10 this user has assigned.

Questions:

1. select ratings_anime_id, count(user_id) from ratings group by ratings_anime_id
2. select anime_anime_id, avg(rating) from anime, ratings where anime_anime_id = ratings_anime_id and name = 'c' group by anime_anime_id
3. Add index and redo 2.
 - a. anime_anime_id in table anime
 - b. anime_name in table anime
 - c. ratings_anime_id in table ratings

Due Date: 23:59, June 18, Sunday, 2017

If you have any questions, feel free to contact me.