Advanced Database Systems - CSCI-GA.2434-001 - Fall 2020

Final Project ReadMe - RepCRec

Professor: Dennis Shasha

Students: Lingwei Luo (ll4123), Yuyang Fan (yf1357)

1 Where are the files after unzip?

{unpack dir}/root/vagrant/ NYU-Advanced-Database-Systems

You can put any test case under “test\_cases” folder.

2 How to run this program?

First please make sure you have Python 3.6+ installed, our program provides 2 mode in which you can run it.

You should use the following command to run the program

python3 main.py [input\_path]

Mode 1: The [input\_path] is provided. [input\_path] is the path where your test cases are, our program will run test cases one by one under this path, and results for each test case will go to the standard output. If you want to run the 21 default test cases defined by ourself, you can simply type in "" as [input\_path].

Mode 2: The [input\_path] is NOT provided. You will need to enter your test case line by line in the standard input. Enter exit to exit the program.

3 How to check the output?

In Mode 1, all results will be printed in the terminal, results of different test cases will be separated clearly. In Mode 2, you will see result once you type in an instruction and hit enter.