

Lecture 4

COMP207

Attendance code last lecture

- I forgot to give out an attendance code last lecture
- It will simply not count in how much you have attended - i.e. as if you have attended and were supposed to attend 1 less lecture

Poll about redoing structure of course from first lecture

- I had forgotten to start the poll whether people would like to rewatch the part of the first lecture that is about the structure
 - had made it, just forgot to enable it
- So, it will run until Friday next week
- If at least 8 people wants to see it again, Ill make the video, otherwise not (because it takes like 8 hours to do it, I believe)

Your assignment

- You are meant to submit by the 8th of November at 17:00
 - You have a bit over a month to do it
- After next week, you hopefully know everything you need for the assignment

Plagiarism in your assignment

- Please don't!
- I really hate catching people in it
- So, be nice to me and do not do it!
 - (It will also give you a 0 for the assignment - or course/degree if you have done it before)

Plagiarism quiz

- Which of the following gets you another punishment when the rest (assuming we catch you)?
 1. Working with a friend on the course and handing in a solution you both worked on (full or partial)
 2. Lending a friend on the module your solution (full or partial)
 3. Borrowing a solution from a friend on the module (full or partial)
 4. Working with a friend from outside the module and handing in a solution you both worked on (full or partial)
 5. All the above give the same punishment

ChatGPT

- Do not use it for the assignment
- Recently, Turnitin claims to be able to detect it
- Professor Gavin Brown, Pro-Vice-Chancellor for Education:
 - "Whilst the University is aware that Turnitin's AI Detector is still not 100% effective in every case (and Turnitin acknowledges a 1% error rate), after consultation and discussion with numerous stakeholders across the institution, the decision has been reached to enable the detector"

Can you use commands that we do not see in lectures/videos

- Yes and no
 - If it works on CodeGrade it is fine, otherwise not
 - Everything you have seen in the course does work
 - Some relatively new commands like PARTITION and RANK likely do not (=did not last year), because CodeGrade is running on an old version of Ubuntu that can not use the newest versions of MySQL
 - Is this reasonable?
 - I think so:
 1. When/if you get a job in industry they might not be running the newest version of all their software and you will have to accept that
 2. They are not standard commands and would only work in MySQL

How/what to submit? And how can I see what went wrong?

- You can submit 1 file: epature.sql
- .sql files are just text files ala Notepad (in Windows) or TextEdit (in Mac - after you select Make plain format in Format) with an ending of .sql instead of .txt
- It should contain the commands that you believe will solve the assignment
- Specifically, you need at least 6 CREATE TABLE statements (all for question 1) and 6 CREATE VIEW statements (we will see in a bit how to do those) – 1 for each of questions 2-7
- You can see what went wrong up on top! (Show example)

IMPORTANT: No CREATE DATABASE and No USE!

- If you have used your own computer for MySQL you will likely start your file with `CREATE DATABASE xyz;` and `USE xyz;`
- If you submit with something like that, your submission won't work
- Solution: Omit those lines!
 - (Also, do not include statements to drop views, tables or similarly after use – it will typically make it not work)

What were the videos about this week

- SELECT queries!
- SELECT consists of:
 - SELECT
FROM
WHERE
GROUP BY
HAVING
ORDER BY
 - GROUP BY (and to some extent FROM) is tricky, the rest are not too bad

What examples will we look at today

- What can you do in each part of the SELECT queries?
 - Likely skipping GROUP BY for now
- How to do a VIEW given a SELECT query
- Examples from earlier years' assignment