Lecture 5
Last lecture on SQL

COMP207

Minor updates to the assignment

- Fixed some minor errors:
  - eparture.sql -> epature.sql
    - It was actually meant to be eparture but to make the least amount of problems for students that have done some of the work I decided to consistently misspell it everywhere instead
  - 7 tables -> 6 tables
  - Forgot to sort in question 5
  - CodeGrade was missing a foreign key
  - Removed an additional copy of some rows of the output for question 7

Attendance monitoring in labs

- The department decided yesterday that we should do attendance monitoring in labs
- To be fair to everybody, it will be done from next week onwards
  - So far, we have not done so

Weekly assessment for week 1

- The deadline was yesterday, so I will go over it today
- I will also make a feedback version available that you can retake and get comments for different wrong answers, as the various quizzes in the module

Weekly survey

- 14 people wrote something, so great!

Positive comments about structure (lectures + videos)

- going through examples during lectures really helps to clarify concepts

- The only videos are very useful as they are simple to follow, quick and very informative.

- 1. I like the way of delivering lectures. The combination of online lectures and onsite problem solving classes suits me. This give me a chance to learn on my own pace and reviewing porblems in a effective way.

Positive comments about structure (lectures + videos)

- The examples given were helpful and some examples of how you could go wrong and how to fix these errors was helpful. For example, needing to drop a table with a foreign key before dropping the primary key table.
The videos are very informative, and are helpful in the tutorials.

- Watching the teaching recordings

- Specific explanation on how to finish a SQL coding writing

- Lectures where taught at a good pace (not rushed) so it didn't feel like I was falling behind
Recorded videos have detailed content in them in case the lectures are not explicit enough

Negative comments about structure

- lectures only going through examples and not the concepts
- The online lectures are kind of boring, the content can be read directly by the ppt documents. Maybe adding more examples will make the lectures become more vivid and easier to understand.
- 1. Due to language barriers, sometimes I can't fully understand what's being taught in class, which causes me to lose focus.
- There were quite a lot of videos to watch. (But helpfully the lectures covered the material too.)
- quite lack of concept about SQL just like only talk about how to use

My thoughts about structure

- Splitting it this way makes sense to me and seemingly a fair number of you
- Videos for concepts/definitions seem reasonable – videos are good for things that you need to know precisely (you can rewind and I can provide subtitles and similar)
- Examples seem better suited in a lecture; they can change some depending on what the audience (i.e. you) want me to focus on (it also makes them more vivid)
- I do view it as a strength that you can read on the slide in the videos what I will talk about
- There will be some examples in the future videos but I would rather not add too many more, since what would I be talking about here if I did so?

My thoughts about structure

- I will try to spend a bit more time on concepts on Thursdays
- Unfortunately, I think there will be more videos to watch in most weeks than in the first 2
  - I can mark the ones that focus on examples and you could skip those since I will be doing examples here anyway but it will make them a bit more dry
- I am unsure what to do about the language barrier one
  - I think asking whoever did have a problem to raise their hand is tricky because I think many would not want to
  - I have tried for 2 years in a row to let people write anonymously to the discussion board during lectures and then check that every few minutes, but it got used maybe 3 times in total and felt like a waste of time

Comments about labs

Positive:
- Lab was useful to ask some questions about the tutorial exercises
- The lab/tutorial was great as an opportunity to ask questions.
- Take good question in the lab

Negative:
- With our lab being on a Friday it feels as if we are way ahead of the tutorial questions by the time it comes around
- Add more lab exercises for practiser (or at least optional ones for extra work)

- Rasmus: I am glad that it is a good place to go to get answers. Note though that I will only attend every second (I attended all of them except for 2 last week, due to 1 TA not being here - the last 2 were double booked so I needed to be in the one without TA). That said, I think both TAs seem good at answering questions.
This is a bit tricky – the Monday one are partly too early, since the Tuesday lecture is still on the topic it covers while the Friday ones are a bit too late.
In previous years a few people each year finished the first tutorial. I do not think anyone did it for any of the other ones

Comments about Canvas

Positive:

- 2. The online lectures webpages are well established and well arranged. The pages are linked in strong logic the sequence, which make the learning process much easier

Negative:

- Canvas is a bit confusing, may be a personal preference but it would be nice if it was laid out in weeks (Week1, Week2 etc), especially for revision purposes

- Rasmus: There are three ways to access the information and in two of them this is very clear

Other comments

Positive:

- I learned the very important parts of database management language, such as creating data tables, adding and deleting data from tables
  I learned to query the information I need in the database.
  Finally, I learned about the problems when deleting foreign and primary keys. (I got this question wrong on the quiz the first week.)
- Solving the basic problem of using sql
  Remind need to be patient to database
  Each assignment will be good prepared.
- Do well in creating tables

Negative:

- I feel good, it doesn't make me feel like something isn't working, you know
- Some unknown on join
- Not master all the code of the database well
- nothing at present

What are we gonna do tonight?

- Three main types of examples:
  - CREATE VIEWs
  - UNION
  - GROUP BY
  - Go over the assessments from earlier years
  - (there were no questions about SELECT queries in the exam 2 years ago)
  - I am skipping relational algebra from the Misc video for now since partly I won't have time and partly we first really need it when we get to optimization