

# Course Wrap up

- Indexing exercises
- Exam coverage and deadlines
- What's next (after this course)
  - Scholarships and contests
  - Graduate program

# Final Exam

- Final exam will test everything covered in the course.
- Sample final exam is posted
- 1-page cheat sheet is allowed

# Topics Covered

- Relational model
- ER model
- Relational algebra
- SQL
- Physical data organization and indexing
- Normalization theory
- Database Tuning

# Office Hours

- The same days as before,
  - Wed and Fri 1:00 – 2:00 pm
  - In Ath 436

# Deadlines

- Any piece of work which is not picked up before the final exam will be discarded
- Appeal deadline for Mini-Proj 2
  - 2pm on Friday Dec 14<sup>th</sup>
- Final exam
  - Marks will be (hopefully) posted before noon on Monday Dec 24<sup>th</sup>
  - If so, papers can be seen or appealed during 1-2:30pm on the same day

# What is next (after this course)?

- Awards, scholarships and contests
- Graduate program
- Q&A

# NSERC Summer Undergrad Student Research Award

- Eligibility:
  - must be a Canadian citizen or a permanent resident
  - GPA of 3 or more
- Duration: 16 weeks.
- Pays: ~ \$5625
- More valuable is the research experience
- Some projects can be found at [www.cs.ualberta.ca/~drafie/summer-projects.html](http://www.cs.ualberta.ca/~drafie/summer-projects.html)
- Application deadline: **January 15**

# Programming Contests

- ACM programming contest
- SIGMOD programming contest
- Google code jam
- ...



# Graduate Program

- Why?
  - Find out if research is your thing
  - More independent thinking opportunities
  - Moving up in pay scale
  - Better employment opportunities
- Cost
  - Many scholarships (e.g. NSERC, Alberta top-ups, etc.)

# Thanks

- Everyone for contributions
- In particular,
  - Tanner Chell, Ceceilia Wei, and Alan Guo for sharing their data for A2
  - Tanner Chell, Ceceilia Wei, Hongfang Xu and many others for sharing their results for A2 queries
  - Many people for their questions and responses in the forum

# A Story

Enjoy the Break  
(of course, after the final exam!)