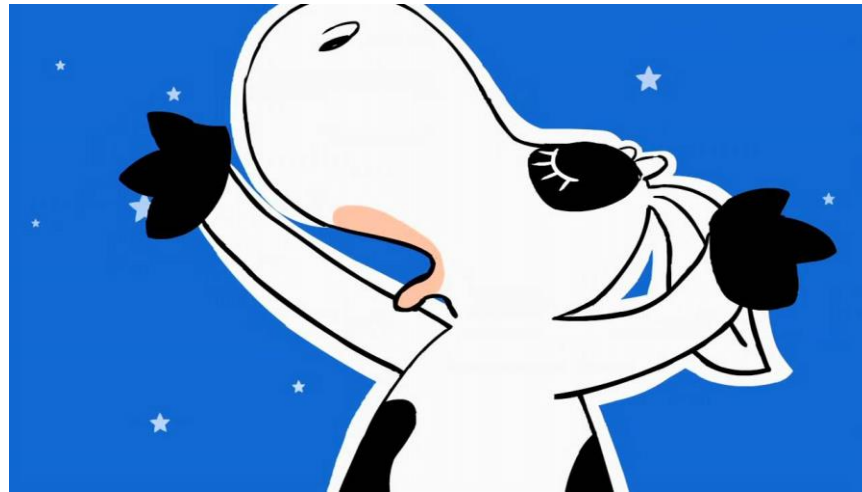# A Farewell to Files and Databases

Final Exam: 12/16 in SN014 from 8am-11am
Open book, open notes, online
~40 questions multiple choice/short answer;
20 covering materials since the last midterm; 20 comprehensive

Problem Set #5 will be released by Monday 12/12
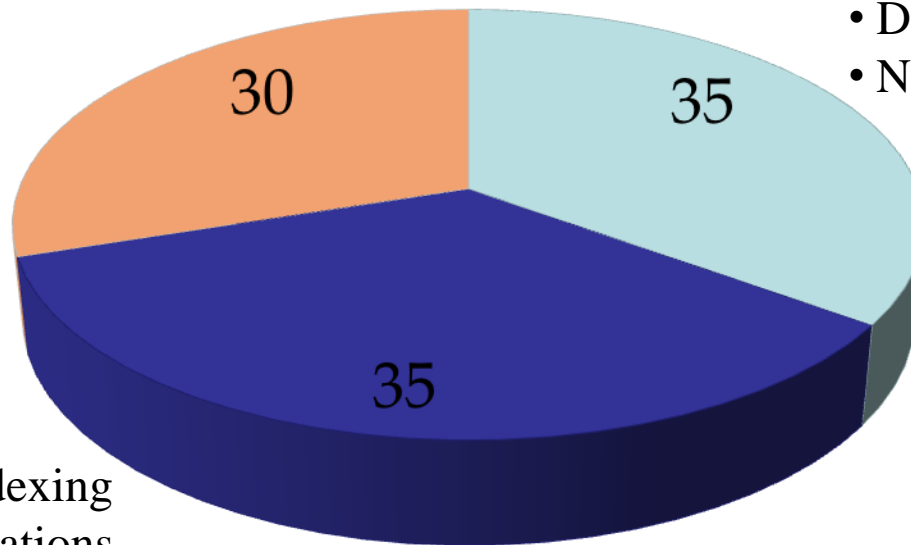Resolve any PS issues by 12/14

Course Summary

- Relational Model
- Relational Algebra
- Relational Calculus
- Normal Forms

Emphasis

- Structured Query Language
- Integrating Dbases & programs
- Triggers and Active databases
- Data description (XML)
- NoSQL (Hadoop)

30

35

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☐ Applications
■ Systems
■ Foundations

- Database Indexing
- Query Evaluations
- Query Optimization
- Transactions and Concurrency

Systems

Applications

Foundations