- 1 mth Query processing

Transaction Processing - 1 mth

Distributed Oatabases / Data Warehousing

Team project, Modify a DBMS

Lecture 1

Overview of anery Evaluation

Objectives.

Preliminaries

- Core Processing
- Catalog Access paths to data Index matching

avery processing

- Solection
- Projection
- Joining

anery optimization

- Query plans
- Alternative Query plans

Overview of Query evaluation (processing)

Evaluating SQL Queries

- Parsed, then translated to form an embation plan

Plan: Tree of R.A. Ops with aly. Ohoice for each o.p.

Two main issues in optimization:
- Gnumerating Attenuative plans

- Estimating costs and soluting best extincted anaig.

Techniques used in Query evaluation:

Indexing - Using WHERE conditions to recieve types Iteration - Examining all tuples in a relation instance one after the other

Partitioning - Oronping the set of input tuples in Smaller sets