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Today: Recursive queries and negation in Datalog.

Next class: Quiz 2. Query languages wrap-up (for now).

Reminders: Use newsgroup. After break: database design (ER, normalization, etc.).

- 1. List the members of your group below. Underline your name.
- 2. Given the relation Flights(airline, num, src, dst) with the obvious semantics, write stratified Datalog queries for destinations reachable from Bangor...
 - (a) in exactly two hops.
 - (b) with unlimited hops.
 - (c) using only Delta flights.
 - (d) using alternating Delta and US-Airways flights (no consecutive Delta or US flights).
 - (e) using Delta but not reachable using any other single airline.
 - (f) using Delta but not reachable using any other airlines (possibly in combination).
 - (g) in at most two hops using Delta and in no fewer than three hops using some other airline.

