



Programming

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Goals

1. Cursors
2. Stored Procedures

Cursors

An SQL variable that indicates one of the tuples of a relation.

- Connection between the host language and SQL is facilitated by having the cursor range over each tuple of the relation, while the components of the current tuple are retrieved into shared variables and processed using the host language.
- ORMs do this for you

Stored Procedures

We can write procedures in a simple, general-purpose language and to store them in the database, as part of the schema.

- We can then use these procedures in SQL queries and other statements to perform computations that cannot be done with SQL alone.
- Each commercial DBMS offers its own version of Stored Procedures

Next Class

Module:

Week 12: Execution

Topic:

Transactions

