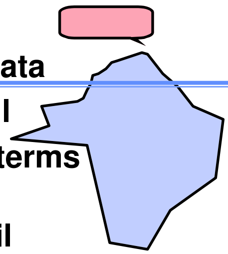
Database Interfaces

SQL:

two parts

1. a Non-procedural Query Language
2. a Schema which exposes available data

but hides much detail



The query language is restricted to the terms given in the schema

The schema hides implementation detail

- The Database Management System (DBMS)
  - has the freedom to optimize query processing
  - must optimize to achieve performance