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Databases

Databases are collections of information; our study repeats a theme: Tell the computer the structure, and it can help you!

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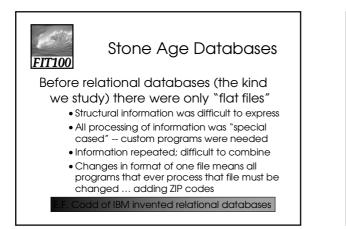


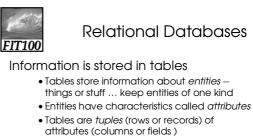
Why Study Databases?

Some of us want to compute, but all of us want information ...

- Much of the archived information is in tables
- Databases enhance applications, e.g. Web
- Once you know how to create databases, you can use them to personal advantage
- Databases introduce interesting ideas

nuch of your information can be in a table?

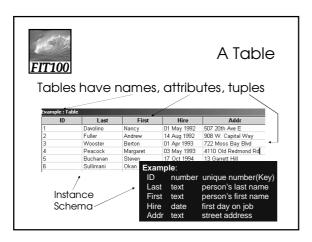


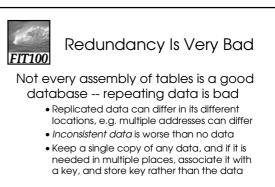


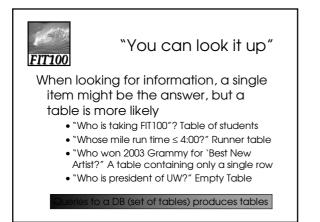
- Every row must be unique, identified by a key
- Relationships -- associations among the data

values are stored Table structure = schema

le contents = instance





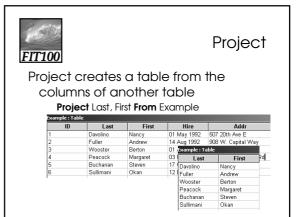




- Product -- create "all pairs" from two tables
- Floduct -- cledie di pails nonniwo luble

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