Name spaces
      why
      Identified by URI and prefix

< fun : table
      xmlns : fun = " http ... "
          xmlns : html = " http ... "
< fun : table ... > ...
  < html : table ... > ...
          ~   ⌣

Write DB Schema !
      a) with artificial PK   OR
      b) without ... ..
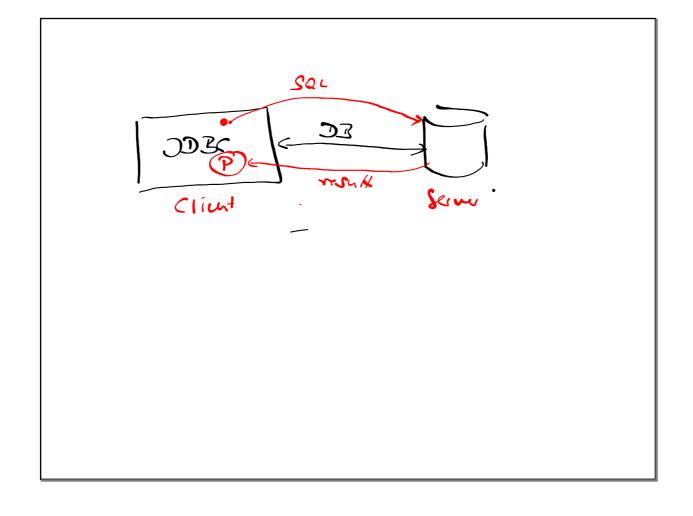Write Inserts, Selects .. -

Using JDBC
     Principles
         – Connect to DB   Register driver
                                   Create connection
         – Run SQL   Create Statement
                                   Execute Query
         – evaluate results

Transactions ?
    ACID Principle ?
JDBC has transaction

SQL Injection ?

Prepared Statements ?

ORM ?

JPA: POJO + Annotations
       Entity classes

JPQL
- named Statements
- why
= vendor independent
= Yet Another Query Language

JPA :
persistence. xml

JDBC
error handling via Exceptions

JPA "better" than JDBC?
JDBC "better" than JPA?

GET vs POST

Status code ← response

URL ←

Status code + response body

URL + content

Params!

encoded in the URL

encoded in request body

TLS/SSL
↓
https