What is Hibernate?

* A framework for persisting/ saving Java objects in a database.

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Database

Hibernate

Java App

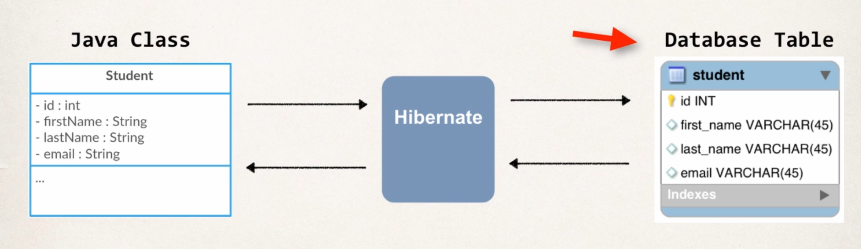
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**Benefits of Hibernate**

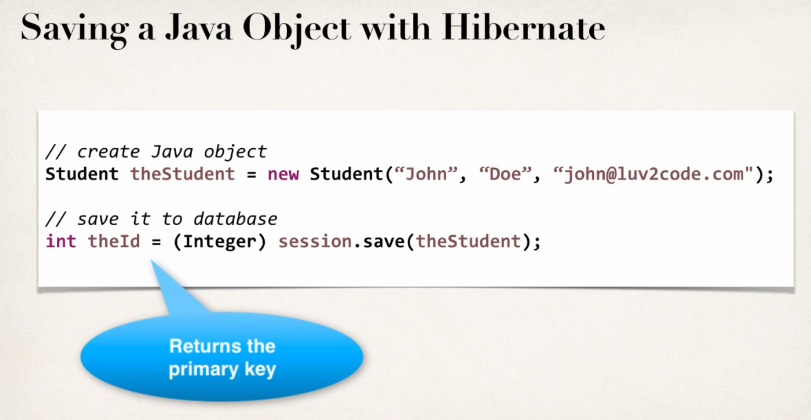
* Hibernate handles all of the low-level SQL
* Minimizes the amount of JDBC code we have to develop
* Hibernate provides the Object-to-Relational Mapping (ORM)

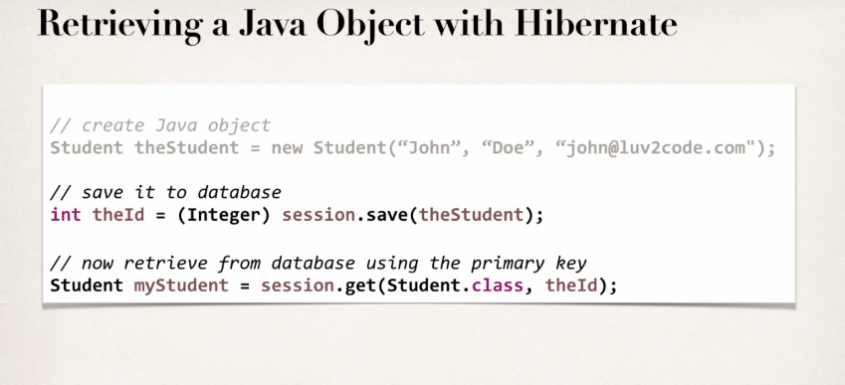
**Object-To-Relational Mapping (ORM)**

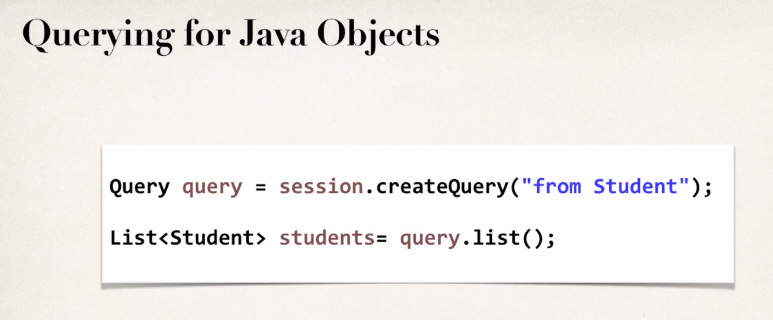
The developer defines mapping between Java class and database table.



All this mapping can be set up via a configuration file using XML or Java Annotations







Hibernate and JDBC

Hibernate uses JDBC for all database communications. Hibernate uses JDBC in the background.

