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**Week: 5**

**Code Topic:** Hibernation  
**Description of Understanding:**Hibernate is an Object-Relational Mapping(ORM) solution for JAVA and it raised as an open source persistent framework created by Gavin King in 2001. It is a powerful, high performance Object-Relational Persistence and Query service for any Java Application.  
Hibernate sits between traditional Java objects and database server to handle all the work in persisting those objects based on the appropriate O/R mechanisms and patterns.  
(tutorialspoint.com/hibernate)  
I get the concept of Hibernation that it stores the information from the program to the database.  
I still struggle with the coding in Java, since this is my first Java coding class. There are four files, the Config file creates the session and the properties. The real action happens in the Runner page, this creates the users and has the functions to modify them. It then can store the data until it goes to full commit in the database. The other two files Numbers and Users are the files that create the phone number and user classes.

<https://github.com/traneb/cit360/tree/hibernate>

There are 4 files



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