



## Hibernate Assignments

- **Problem#1:** Setup Your Project Environment for Hibernate.
- **Problem#2:** Perform CRUD (Create, Retrieve, Update, Delete) operation in database using hibernate.
- **Problem#3:** Create a registration page using hibernate, servlet and JSP
- **Problem#4:** Create a student login which will validate the user credential from the database using hibernate?
- **Problem#5:** Create a simple hibernate application to insert the data into the table by using annotation
- **Problem#6:** Create a hibernate application that automatically create the primary key in the table
- **Problem#7:** Create table per hierarchy classes in the database using hibernate
- **Problem#8:** Create table per hierarchy classes using annotation in the hibernate
- **Problem#9:** Create a hibernate application to map the collection object of the persistence class
- **Problem#10:** Write a hibernate program to fetch the multiple row of the table by using hibernate query language (HQL).
- **Problem#11:** Create a table by using hibernate configuration file. The table name will be Student (id, name and city) and database name is university. Use hdm2ddl.auto attribute in the configuration file.
- **Problem#12:** Create a table professor (id, name and department) in the mysql and delete the record of the table by providing id by using hibernate. Use delete() method
- **Problem#13:** Create a table Employee (id, name, department). Use hibernate framework so that user can insert the record or update the record. User saveOrUpdate() method
- **Problem#14:** Create a Parent class Games and the following is the sub class of this class:

RPG

Arcade

The Games class has the following property:

Id, name, space, type

If the RPG class try to insert the data into the table Games then the type column should display RPG and if the Arcade class try to insert the data into the table Games then the type column should display Arcade. If the Games class try to insert the data into the table Games then the type column should display

The Games table looks like this:

Games:

Id	name	space	type
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Use discriminator-value and discriminator tag to solve this problem.

- **Problem#15:** Write a pojo class and map it the table by Hibernate annotation.
- **Problem#16:** Write a program to implement First Level Cache in Hibernate.
- **Problem#17:** Write a program to implement parameter binding in hibernate
- **Problem#18:** Write a program to implement Lazy loading and early loading in Hibernate