## Hibernate Assignment:

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- [1] Create a Spring Core application with Hibernate to show case ONE-TO-ONE relationship (E.g: Customer and Address).
  Implement all CRUD operations using Hibernate Session object. Use @OneToOne/mappedBy annotation.
- [2] Create a Spring Core application with Hibernate to show case ONE-TO-MANY/MANY-TO-ONE relationship (E.g: Company and Employee). Implement all CRUD operations using Hibernate Session object. Use @OneToMany/@ManyToOne/mappedBy annotations.
- [3] Create a Spring Core application with Hibernate to show case MANY-TO-MANY relationship (E.g. Students and Courses). Implement all CRUD operations using Hibernate Session object. Use @ManyToMany annotation.
- [4] Create a program to work with second level cache. Implement all above programs using JPA ORM framework:
  - (a) using EntityManagerFactory & EntityManager objects in place of SessionFactory & Session objects.
  - (b) Use JPQL in place of HQL.