* **What is hibernate and advantage of hibernate**
* **What is persistence?**
* **Problem solved by ORM**
* **what is ORM and different pieces of ORM**
* **Different implementation of ORM or level**
* **Generic problem in ORM**
* **Why ORM**
* **Different way to configure hibernate**
* **hbm file configuration**
* **hfg file configuration**
* **how to get session factory and what is session factory**
* **Session, Transaction and Query**
* **Is session and sessionFacotry thread safe?**
* **Explain how hibernate load properties**
* **Advantage of connection pool**
* **enabling logging**
* **explain different statics interface**
* **explain Different state of object in hibernate**
* **Overloaded load and get method in hibernate**
* **Save,saveOrupdate,refresh and merge method overloaded version**
* **Lazy loading in hibernate(mainEnity,child entity)**
* **Evict and clear method**
* **Different caching mode**
* **Explain different mapping in hibernate**
* **One to one mapping different implementation(foreign key, join table and primary key,singleentiry)**

**----------------------------------------One to one---------------------------------**

* **Which identifier will be used in case of shared primary key one to one association and how hibernate linked these two table primary key?**
* **How to generate key generator**
* **How to implement foreign key one to one mapping**
* **Annotation for sharedkeyprimary key association and foreign key**
* **Joint Table association and annotation for one to one mapping**
* **When use many to one mapping with join table? How to access dependent entity outside of session?**
* **How to use many to one to represent one to one for join and foreign key association?**

**----------------------------------------One to Many---------------------------------**

* **How to implement One to many association (how many insert query executed and update query)**
* **What happened if u set inverse property false**
* **One to many using join table and how to implement**

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* **Hibernate inheritance mapping(**
* **Table per class Hierarchy (How to implement using xml and annotation which tag and annotation used)**

[**http://www.dineshonjava.com/p/implementing-inheritance-in-hibernate.html**](http://www.dineshonjava.com/p/implementing-inheritance-in-hibernate.html)

* **Table per concrete class with implicit polymorphism when use? (Why identity type generator and auto with annotation can’t use with this inheritance mapping?**
* **Table per subclass**
* **How to inherit superclass property in sub and override column in persistence class?**
* **Hibernate component mapping(How to implement, what is value Type and entity Type, why need)**
* **Nested component mapping?**
* **Association in component?**
* **Hibernate collection mapping**
* **How to define own subtype**

**--------------------------HQL-----------------------------------------------**

* **How many ways we can write query in hibernate?**
* **How to check null in hibernate?**
* **TYPE of parameter binding?**
* **What is Named Query in hibernate ?**
* **HCQL in hibernate(Different method in criteria, order and restriction)**
* **Method in Match Code object,**
* **When use Disjunction, conjunction and sqlRestriction**
* **Joins in criteria query**
* **Method in Projectctin**
* **Second level cache in hibernate**
* **Create session factory using annotation Configuration**
* **EntityManagerFactory and persistence context**
* **container managed and application managed entitiymanager factory**
* **Interface requried to startup jpa(Persistance,entityManagerfactory,entitymanager, Query,entityTransaction)**
* **persistance.xml configuration**
* **Transaction type,provider ,class tag**
* **metadata auto dection**
* **Primary key generator stratgy**
* **JTA Integration**
* **JNDI configuration with hibernate**
* **JTA TXN configuration property with Hibernate**
* **JTATxnFactory task**
* **Property need to set to bound JNDI with session factory**
* **How to override xml meta data with annotation metadata**
* **Explain placeholder**
* **database identity**
* **Primary key generator**
* **Hibernate primary key generator with parameter and annotaion**
* **How to create composite key in hibernate**
* **Dynamic query generation in hibernate**
* **How to make mutable ad immutable entity**
* **How to avoid import duplicate class in hql query**