

Hibernate:

1. What is Hibernate?

- Hibernate is a ORM(Object relational Mapping) tool and java framework which simplifies the java application development to interact with database.

2. How can you map objects and data base table using hibernate?

- Hibernate is a jpa implementation hence we can use jpa annotations as well as xml configuration to achieve the mapping.

3. What do you mean by Hybernate is a Jpa implementation?

- JPA is interface and hibernate is like a class which implements Jpa.

4. Why hibernate why not jdbc?

- Hibernate elements all the boiler plate codes which are comes with jdbc.
- It supports HQL which is more object oriented.
- It provides transaction management implicitly.
- Hibernate throws JDBC exceptions which are unchecked so we don't need to worry about the codes and we don't need to handle them with try catch.
- Hibernate supports caching for better performance.

5. Which interfaces you used in hibernate?

- SessionFactory
- Session
- Transaction

6. Difference between get() and load()?

- Both the methods are present in session class.

Get	Load
<ul style="list-style-type: none">▪ It returns null if the object is not found in the database or in cache memory.▪ It returns fully initialized object so this method eager load the object.▪ It is slower then load.▪ If we are not sure if the object is present or not at that time we use get.	<ul style="list-style-type: none">▪ It throws object not found exception if the object is not found in database or in cache memory.▪ It returns proxy object so this method is lazy load the object.▪ It is slightly faster than get.▪ If we are sure that the object is present at that time we use load.

