Value labs interview questions

First round

1. How did you provide security for your web application. What is the default session timeout. How can you set the time period.

2. What are the things we configure in hibernate cfg file, how to configure database in hibernate, can we configure two databases, how to configure.

3. What is connection pooling, where do we configure.

4. How to count repeated strings from a file.

5. What is marker interface, what are the methods available in serializable and cloneable interface.

6. What are object class methods.

7. Explain the hashing mechanism.

8. Can we create our own jsp tab, how jsp tabs internally work.

9. Explain caching in hibernate.

10. Steps for creating a session.

11. How do we call stored procedures in JDBC.

12. How to create foreign key.

13. What is the difference between foreign key and unique key.

14. Method overloading – what is the output

Class A

{

m1(){}

}

Class B extends A{

m1(){}

}

Class C extends B{

m1(){}

}

main(){

B b=new C();

b.m1();

15. I have an employee class and department class, whenever I delete department, corresponding employees should be deleted, how to achieve this.

Second round

1. What is encapsulation, why did we go for encapsulation in projects, what is the real use of it (he didn’t want book definition).

2. What do you mean by oops, why is the concept.

3. What is composition

4. How do we create bean, scopes of bean.

5. Write code for singleton, how to make it threadsafe, how to stop it from cloning when it is implementing cloneable interface.

6. How to integrate spring with hibernate

7. What are the version you used for spring, hibernate, jdk.

8. What are the java 8 features.

9. Write code for comparator and comparable

10. What are the collection classes and interfaces, which is faster hashmap or treemap, difference between arraylist and linked list.

11. Which one is thread safe session or sessionfactory.

12. Features of hibernate, which is faster jdbc or hibernate.

13. What is @controller.

14. Difference between soap and restful, difference between xml and json.

15. In postman, if are requesting a service selecting the method as post for a service developed using get method what is the output.

16. What is dependency injection.

17. What are the different cascading types.