**Questions discussed**

1. Five features of JAVA ?
2. What is JAVA Virtual Machine (JVM)
3. What is the difference between JDK, JRE, and JVM?
4. What are the various access specifiers in Java?
5. What if I write static public void instead of public static void?
6. Why we use packages in JAVA ?
7. Is JAVA pure object oriented if yes how and if now then why ?
8. Difference between pass by value and pass by reference
9. What is String pool ?
10. Different String Classes and their difference. Which is thread safe?
11. Instance variable vs Local Variable
12. What is JIT Compiler
13. Diferrence in equals() and == in java
14. Infinite for loop
15. What is Class
16. What is object
17. What is constructor and different types of constructor
18. Method overloading and overriding
19. How many try block we can write with single try statement and its order ?
20. What is Abstraction, encapsulation.
21. What is runtime polymprhism or dynamic method dispatch ?
22. Uses of final keyword
23. Difference in final, finally and finalize
24. Super keyword
25. Can we overload static method ?
26. Abstract class vs interface ?
27. What is inheritance and different types of inheritances ?
28. What is this keyword ?
29. What is multithreading and different ways to implement thread in java ?
30. Methods of Multithreading ?
31. **Is it mandatory for a catch block to be followed after a try block?**
32. Java thread life cycle/

**public** **class** **Solution**{

**public** **static** **void** **main**(String[] args)

{

System.out.println('t' + 'c' + 's');

}

}

1. Whats is copy constructor and how to make it ?
2. Difference in constructor and methods
3. Can we declare abstract static methods ?
4. What is collection framework
5. Name different interfaces that extends collection interfaces ? (list, set, queue, deque, map,)
6. Explain linked list ?
7. How hashmap works ?
8. Difference between list and set
9. Difference in set and map
10. Java class used to read files ?
11. What is hashcode() function in java ?
12. Array vs ArrayLISt
13. How to convert ArrayList to Array?
14. How to make ArrayList read only
15. Program to find second smallest number
16. Program to remove duplicates
17. What is jdbc
18. What is the difference between execute, executeQuery, executeUpdate?