- Abstraction with example
- Encapsulation with example
- Inheritance with example
- Interface vs Abstract Class ? which is better ?
- Static Key word and use places
- Advantages of Static Key word
- String pool
- Java is object oriented
- Difference between float and double
- Why f in float ?
- "Declare" an integer and without initialization using it in main method ?
- What all can be declared as static ?

  Ans : Variable, method and class
- What all can be declared as final ?

  Ans : Variable, method and class
- "Final class cannot be sub-classed and final method cannot be overridden"
- Static method overriding
- Stack memory and heap memory
- Where will object store its memory ?

  Object → Heap memory

  Variable → Stack Memory
- Stack method overflow error ?
- Try, catch and Finally
- Use of finally block
- Try with resource
- Default values of all primitive values → eg, int=0, Boolean = false etc.
- Auto Boxing and Auto-unboxing
- What is exception and error
- Types of exception and their examples
- Can we call parent exception 1st and then child exception ?
- How to create a custom exception
- Throw and Throws

- Why collection when we have array
- Different Collection types
- Difference between List & Set
- Difference between Array List and Linked List
- Internal Implementation of Set
- Internal Implementation of Hash Map
- Will Hash map allow null key?
- Hash map and Linked Hash map difference
- Define the load factor for hash map and list
- Concurrent Hash Map implementation
- Tree Map explanation
- Comparable and Comparator ? Which will be better ?
- How will you sort a custom object ?
- Why there are 2 methods to create a string ?
- Usage of "new" keyword when we initialize an object for a Class
- Volatile Key word
- Re-entrant lock
- Different ways to declare a Thread
- Over Loading vs Over Riding
- Over loading types? Does changing return type affect over loading?
- Static Method Over riding scenario?
- Multiple inheritance issue in Java