* What are wrapper classes list all the wrapper classes
* Discuss all the important points of enum
* Difference between overriding and overloading
* Responsiblities of Bytecode verifier,class loader,JIT compiler,JVM
* Abstract class,interfaces (modifiers of the data members in an interface)– discuss the points
* Aggregation relation ship – how will you implement in java
* Instanceof – discuss
* Declare int array ,Boolean array syntax
* What is the default value of all instance variables
* Garbage collector points
  + Not assured even if you call System.gc() method ,least priority daemon thread,calls finalize method
* Any null reference with method invocation will create null pointer exception example(very important)
  + Example String var=null , s.op.(var.length())
* Discuss all points about key word “this” and “super”(while writing constructors)
* Discuss illegal assignments for e float ,char ,byte data types
* How will you write varargs (what conditions must be followed)
* What are the possible modifiers for the top level class, instance variables , local variables
* (example final is the only modifier used for local variables)
* Which type of variables must be initialized-mandatory(ans:final variable)
* String ,stringbuffer and string builder – discuss which is mutable and methods ( append,concat ,etc),equlas and == w.r.t String ?
* What will happen if you don’t initialize a local variable and try to print it?
* Printing the collection using for loop and iterator.
* List all the checked exception and unchecked exception (discuss on classnotfound,classcastexception ,numberformatexception,sqlexception,ArrayIndexOutOfBoundException,NullPointerException,IOException)
* Base class of all exception
* How will you create checked and unchecked userdefined exception
* Try catch finally throw throws – all points
* Significance of Try-with-resource feature in exception handling
* Methods of object class- list out
* By default interface data members are \_\_\_\_\_\_\_\_\_\_\_
* What happens when you ignore break in switch, Discuss the valid data types that w.r.t switch case
* Difference between enhanced for loop and iterator
* Static methods – discuss all the points
* All the points w.r.t final variable,methid and class
* What is created in heap?
* All new date features, LocalDate methods to get current date, tomorrows date, yesterdays
* Layered architecture with exception handling

Scanner ,use delimiter method

* Different types of streams in File IO,LineNumberReader,Buffered Streams,flush(),Serialization and Deserialization
* What happens when rs.next is not given and we try to access rs.getXXX()
* setDate method of rs will accept only SQL date type
* in transaction management discuss about setAutoCommit – true and false, conn.commit(),con.rollBack()
* discuss all type drivers (Type1,2,3,4) and JDBC-ODBC Bridge Driver, Java to Database, Protocol, Java to Native API, Java to Network Protocol
* JDBC steps,What happens if the query does not return any result,
* Discuss execute,executeUpdate,executeQuery, Class.forName("oracle.jdbc.driver.OracleDriver");
* ResultSet methods,iterating resultset
* SQL Exception and all the scenarios when it occurs –( eg:what happens if the table does not exist)
* All points about resultset,all statement types
* Stored procedures using Preparecall statement
* Linkedlist,Arraylist- all collections comparison for ordered,sorted,duplicates ,allows null
* Hashtable and vector are synchronized,
* SortedMap(entries are stored using Comparator,duplicate entries replace original entries,stored as key/value pair)
* Discuss- LinkedList,LinkedHashSet
* Collections.sort(),Arrays.sort(array),ways of iterating the collection, Diff between hashmap and hashtable (key/value pair, not sorted and not ordered)
* TreeSet discuss -(key/value pair,elements in the TreeSet should be of the type that implements comparable.Need to implement either Comparable or Comparator interface to sort user defined objects)
* Use of Generics (introduced in JDK 1.5,used to avoid runtime exceptions like ClassCastException and casting)
* Explain @Test with all attributes like timeout ,expected…
* @ignore- explain
* Explain static import of Assert class
* Explain-'@RunWith(Suite.class) ,@Suite.SuiteClasses
* @Before,@After ,@BeforeClass,@AfterClass–explain
* What is parameterized test?
* What is logger configuration file . How many ways you can implement(XML and property file)
* Log4j API components – discuss
* Log4j levels –discuss
* What is Appender,root logger
* Logger configuration file format
* Multithreading
* Thread API’s eg: static method to obtain the current thread, run(),join()-waits for the other thread to terminate),Thread class constructors - discuss
* Thread Lifecycle (Thread States),Thread priority
* 2 ways of Creating thread.
* LambdaExpressions
* Discuss Simple lambda expressions, how to write the functional interface
* Printing the list using lambda expression
* Stream API
* Consumer,BiFunctional,Predicate Functional interfaces – discuss with code snippets from the slides or solved examples
* Discuss below stream operations:

Array.stream (), Map, filter, forEach, collect,distinct,limit,reduce