**OTHER JAVA QUESTION:**

**1. Java platform independent, why?**

When java or source code is complied, it is converted to class file which has machine understandable bytecode that is platform independent bytecode.

JVM is available in various OS and hence we can run the .class file in the JVM in any Platform

**2. what are wrapper classes?**

1. Wrapper classes are the object representation of primitive types

**3.why java need a default constructor?**

The purpose of the default constructor is to initialize the attributes of the object with their default values.

**4. Various ways of creating string** - using literal and new keyword

**5. what is the use of super keyword?**

refer to variable /method immediate in a parent class which was overridden

**6. overload a static a method?** - yes possible, overriding not possible

7. Main method overload? – yes poss

8. **System.out.println()**--> java.lang

System – class name , out is variable, println is method

Java provides two interfaces to sort objects using data members of the class: 

1. Comparable
2. Comparator

|  |  |
| --- | --- |
| Comparable | Comparator |
| single sorting sequence. we can sort the collection on the basis of a single element such as id, name, | we can sort the collection on the basis of multiple elements such as id, name etc |
| the actual class is modified. | doesn't affect the original class |
| compareTo() method to sort elements. | Compare() |
| present in java.lang package | present in the java.util package. |
| Collections.sort(List) method | Collections.sort(List, Comparator) |