**CLASS**

### [Which](http://www.javamadesoeasy.com/2016/03/how-to-concatenate-two-arrays-in-java.html) access modifiers can apply to class?

### IS Filename and public class name should be same?

### What is constructor in class?

### What is static block and block in class?

### Execution order of static block and constructor in super and subclass?

### Why we use static keyword and why can’t use with class?

### [Difference between Singleton Pattern vs Static Class in Java](http://javarevisited.blogspot.in/2013/03/difference-between-singleton-pattern-vs-static-class-java.html)?

### Can a static block execute without main method?

### Can Interface have constructor? if not why

### Can abstract class can have constructor if yes why?

### What is constructor chaining?

### Can you create an object without using new operator in Java?

### What happens if you keep return type for a constructor?

### How can we access private method of class?

### How to get class detail different method?

### How to find out the given class is member class or not?

### [Which](http://www.javamadesoeasy.com/2016/03/how-to-concatenate-two-arrays-in-java.html) access modifiers can apply to class?

### Public and default

### IS Filename and public class name should be same?

### Yes

### What is constructor in class?

### Constructor used to initialize the member variable and invoked when object created.

### What is static block and block in class?

### Static block is mostly used for changing the default values of static variables. This block is get executed when the class is loaded in the memory. A class can have multiple Static blocks, which will execute in the same sequence in which they have been written into the program.

### Execution order of static block and constructor in super and subclass?

### Parent static block

### Child static block

### Parent initialization block

### Parent Constructor

### Child initialization block

### Child Constructor

### Why we use static keyword and why can’t use with class?

### We declare the variable or method as static, which belongs to type not to an object and shared b/w all the instance of that class.

### Every class is already common to all of its objects and there is no need to make it static to become available to all of its objects.

### [Difference between Singleton Pattern vs Static Class in Java](http://javarevisited.blogspot.in/2013/03/difference-between-singleton-pattern-vs-static-class-java.html)?

### If your Singleton is not maintaining any state, and just providing global access to methods, than consider using static class, as static methods are much faster than Singleton, because of [static binding](http://javarevisited.blogspot.com/2012/03/what-is-static-and-dynamic-binding-in.html) during compile time.

### Static class faster then single tone class due to static binding.

### Static class method cannot be override but singleton class method can be override.

### Singleton class support lazy loading but static class support compile time loading.

### Mocking is easy to singleton class method but difficult to static class method.

### Can a static block execute without main method?

* Yes , before java 7 it is possible , but after java 7 not possible

### Can Interface have constructor? if not why ?

* We cannot create object of interface so not required constructor in interface and all method abstract.

### Can abstract class can have constructor if yes why?

### Yes, abstract class can have constructor, it is used to initialize the variable, when any concrete class, which extends abstract class, object created that time abstract class construction in invoked.

### What is constructor chaining?

### Calling constructor for same class from another constructor of same class.

### What is default accessibility modifier of default constructor?

* It is assigned from its class.

### Can you create an object without using new operator in Java?

### Clone method, class.forName, deSerialization

### What happens if you keep return type for a constructor and return statement in constructor?

### No compile time error, it will give warning

### How can we access private method of class?

### Using reflection, we can access.

### How to get class detail different method?