**Java static variable**

We can use static keyword with a class level variable.

A static variable is a class variable and doesn’t belong to Object/instance of the class.

Since static variables are shared across all the instances of Object, they are not thread safe.

**Example**

Private static int count

**Static method:-**

**Static** method belong to the class not to the object. static method can access only static data, it cannot access **non-static** data. A static method can call only other static method and cannot call other non-static method.  
static method can be accessed directly by the class name and doesn't need class object static method can't refer to **this** and **super** keywords.

<classname><method name>

exmple:-

class StaticDemo

{

public static void copyArg(String str1, String str2)

{

//copies argument 2 to arg1

str2 = str1;

System.out.println("First String arg is: "+str1);

System.out.println("Second String arg is: "+str2);

}

public static void main(String agrs[])

{

//StaticDemo.copyArg("XYZ", "ABC");

copyArg("XYZ", "ABC");

}

}

Output :

First String arg is: XYZ

Second String arg is: XYZ

### Java static block

Java static block is the group of statements that gets executed when the class is loaded into memory by Java ClassLoader.

Static block is used to initialize static variables of the class. Mostly it’s used to create static resources when class is loaded.

