**Diamond problem solution using Java default method**

From Java8 on wards **default methods** are introduced in an interface. Unlike other abstract methods these are the methods of an interface with a default implementation. If you have default method in an interface, it is not mandatory to override (provide body) it in the classes that are already implementing this interface.

You can have same default methods (same name and signature) in two different interfaces and, from a class you can implement these two interfaces.

If you do so, you must override the default method from the class explicitly specifying the default method along with its interface name.

**Example**

interface MyInterface1{

   public static int num = 100;

   public default void display() {

      System.out.println("display method of MyInterface1");

   }

}

interface MyInterface2{

   public static int num = 1000;

   public default void display() {

      System.out.println("display method of MyInterface2");

   }

}

public class InterfaceExample implements MyInterface1, MyInterface2{

   public void display() {

**MyInterface1.super.display();**

**//or,**

**MyInterface2.super.display();**

   }

   public static void main(String args[]) {

      InterfaceExample obj = new InterfaceExample();

      obj.display();

   }

}

**Output**

display method of MyInterface1

display method of MyInterface2