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Experiment # 11: Practicing Multiple and Hybrid Inheritance

Write Java codes that illustrate multiple and hybrid inheritance. Explain, by adding comments directly in the code, why Java doesn't compile.

```java
public interface Animal {
    void eat ();
}
```

```java
public interface Mammal {
    void sleep();
}
```

```java
public class Dog1 implements Animal, Mammal {
    public void eat(){
        System.out.println("Dog is eating");
    }

    public void sleep(){
        System.out.println("Dog is sleeping");
    }
}
```

```java
public class HybridInheritance {
    public static void main(String[] args) {
        Dog1 myDog = new Dog1();
        myDog.eat();
        myDog.sleep();
    }
}


public class A {
   void eat ();
}




public class B{
   void sleep();
}




public class C extends A, B {
      //It's Not Possible
}
```