Chapter 11 Inheritance in Interfaces Java by Munawar

Interfaces can extend another interfaces:

Public interface Interfaces 1{

Void math1 ();

}

Public interface Interfaces 2 extends Interfaces 1{

Void math2 ();

}

Remember that interface cannot implement another interface, only classes can do that.

Source Code

```java
import javax.swing.plaf.synth.SynthTextAreaUI;
import java.util.Scanner;
import java.util.Random;

interface SampleInterface{
    void meth1();
    void meth2();
}

interface childSampleInterface extends SampleInterface{
    void meth3();
    void meth4();
}
class MySampleClass implements childSampleInterface{
    public void meth3(){
        System.out.println("Meth 3");
    }
    public void meth4(){
        System.out.println("Meth 4");
    }
    public void meth1(){
        System.out.println("Meth 1");
    }
    public void meth2(){
        System.out.println("Meth 2");
```

```java
        }
}
public class Main {
    public static void main (String [] args) {
        MySampleClass msc=new MySampleClass();
        msc.meth1();
        msc.meth2();
        msc.meth3();
        msc.meth4();
            }
}
```

Thank You