EXERCISE 1 :
THE CODE:

TestSleep.java

```java
public class TestSleep extends Thread {  6 usages
    private int threadNumber;  5 usages

    public TestSleep(int threadNumber) {  3 usages
        this.threadNumber = threadNumber;
    }

    @Override
    public void run() {
        try {
            System.out.println("T" + threadNumber + "-ONE");
            Thread.sleep( millis: 100);
            System.out.println("T" + threadNumber + "-TWO");
            Thread.sleep( millis: 100);
            System.out.println("T" + threadNumber + "-THREE");
            Thread.sleep( millis: 100);
            System.out.println("T" + threadNumber + "-XXXXXXXXXX\n");
        } catch (InterruptedException e) {
            e.printStackTrace();
        }
    }
}
```

MainThread.java

```java
public class MainThread {
    public static void main(String[] args) {
        for (int i = 1; i <= 20; i++) {
            TestSleep thread = new TestSleep(i);
            thread.start();

            try {
                thread.join(); // Wait for this thread to finish before starting the next
            } catch (InterruptedException e) {
                e.printStackTrace();
            }
        }
    }
}
```

THE OUTPUT:

```
T1-ONE
T1-TWO
T1-THREE
T1-XXXXXXXXX

T2-ONE
T2-TWO
T2-THREE
T2-XXXXXXXXX

T3-ONE
T3-TWO
T3-THREE
T3-XXXXXXXXX

T4-ONE
T4-TWO
T4-THREE
T4-XXXXXXXXX

T5-ONE
T5-TWO
T5-THREE
T5-XXXXXXXXX
```

```
T6-ONE
T6-TWO
T6-THREE
T6-XXXXXXXXX

T7-ONE
T7-TWO
T7-THREE
T7-XXXXXXXXX

T8-ONE
T8-TWO
T8-THREE
T8-XXXXXXXXX

T9-ONE
T9-TWO
T9-THREE
T9-XXXXXXXXX

T10-ONE
T10-TWO
T10-THREE
T10-XXXXXXXXX
```

```
T11-ONE
T11-TWO
T11-THREE
T11-XXXXXXXXX

T12-ONE
T12-TWO
T12-THREE
T12-XXXXXXXXX

T13-ONE
T13-TWO
T13-THREE
T13-XXXXXXXXX

T14-ONE
T14-TWO
T14-THREE
T14-XXXXXXXXX

T15-ONE
T15-TWO
T15-THREE
T15-XXXXXXXXX
```

```
T16-ONE
T16-TWO
T16-THREE
T16-XXXXXXXXX

T17-ONE
T17-TWO
T17-THREE
T17-XXXXXXXXX

T18-ONE
T18-TWO
T18-THREE
T18-XXXXXXXXX

T19-ONE
T19-TWO
T19-THREE
T19-XXXXXXXXX

T20-ONE
T20-TWO
T20-THREE
T20-XXXXXXXXX
```