HW23

1. What is generic in Java? and type the generic code by yourself.

    a. https://github.com/TAIsRich/chuwa-eij-tutorial/tree/main/02-java-core/src/main/java/com/chuwa/tutorial/t01_basic/generic

2. Read those codes and type it one by one by yourself. the push the code to your branch.
    https://github.com/TAIsRich/chuwa-eij-tutorial/tree/main/02-java-core/src/main/java/com/chuwa/tutorial/t06_java8

3. practice stream API at least **3** times

    a. https://blog.devgenius.io/15-practical-exercises-help-you-master-java-stream-api-3f9c86b1cf82

4. Write the Singleton design pattern include eager load and lazy load.

5. What is Runtime Exception? could you give me some examples?

6. Could you give me one example of NullPointerException?

7. What is the Optional class?

8. What is the @FunctionalInterface?

9. what is lamda?

10. What is Method Reference?

11. What is Java 8 new features?

12. Lambda can use unchanged variable outside of lambda? what is the details?