Week 5

8.1. Generic Class Definition

    class name<T1, T2, ..., Tn> { .... }

Type parameter names are, by convention, single, uppercase letters. This makes it easy to differentiate between a type variable and a class/interface.

Type Parameter Naming Conventions

E - Element
K - Key
N - Number
T - Type
V - Value

Java 泛型
https://www.runoob.com/java/java-generics.html

Java 文档注释
https://www.runoob.com/java/java-documentation.html

Java正则表达式之反向引用（Backreferences）
https://blog.csdn.net/aspirinvagrant/article/details/48949047

Java中的collection架构
https://www.jianshu.com/p/8fd4d390cb22

Interface Collection<E>
https://docs.oracle.com/en/java/javase/12/docs/api/java.base/java/util/Collection.html

什么是 ArrayList
https://juejin.im/post/6844903566331609096

Java中List和ArrayList的区别
https://www.cnblogs.com/zcscnn/p/7743507.html

Array.newInstance 的意义

https://blog.csdn.net/qb170217/article/details/81873003

Java - Unchecked Cast Warning 的背景，原因以及解决方法
https://blog.csdn.net/vandavidchou/article/details/102545491

Restrictions on Generics
https://docs.oracle.com/javase/tutorial/java/generics/restrictions.html

Guidelines for Wildcard Use
https://docs.oracle.com/javase/tutorial/java/generics/wildcardGuidelines.html

java通配符的详解
https://blog.csdn.net/qq_35890572/article/details/80402840

java泛型通配符详解
https://www.cnblogs.com/minikobe/p/11547220.html

Java子类与父类之间的对象转换（说明继承）
https://blog.csdn.net/u011630575/article/details/80072241

java中int与Integer用==比较详解
https://blog.csdn.net/andyzhaojianhui/article/details/84324466

关于 Java 中 正则表达式的 MULTILINE 标志
https://blog.csdn.net/butterfly5211314/article/details/50936873

Java Iterator（迭代器）
https://www.runoob.com/java/java-iterator.html

Java 正则表达式 转义字符
https://www.cnblogs.com/stone94/p/13162337.html

Java中转义字符反斜杠 \ 的代替方法 | repalceAll 内涵解析
https://blog.csdn.net/proteen/article/details/78885867

MVC框架
https://baike.baidu.com/item/MVC%E6%A1%86%E6%9E%B6/9241230?fromtitle=Model%20View%20Controller&fromid=11307185&fr=aladdin

观察者模式
https://www.runoob.com/design-pattern/observer-pattern.html

设计模式之观察者模式(Observable与Observer)
https://www.cnblogs.com/xudong-bupt/p/3428108.html

Java高级系列——何时使用、如何使用异常（Exceptions）
https://blog.csdn.net/zyhlwzy/article/details/79137179

Java 异常处理
https://www.runoob.com/java/java-exceptions.html

catch…try…finally：
return对finally无效，finally还是会执行；System.exit(1)对finally有效，会强制程序终止，fnally也不会执行

try里面的return语句并不会终止函数执行，但是返回值是第一个return；

多层嵌套的catch…try…finally，对于内层引发的错误，只会被当层catch…try…finally捕捉一次，外层并不会捕捉该错误

Java 日期时间
https://www.runoob.com/java/java-date-time.html

java异常处理之throw, throws,try和catch
https://blog.csdn.net/zhouyong80/article/details/1907799

Quantifiers
https://docs.oracle.com/javase/tutorial/essential/regex/quant.html

Class Arrays
https://docs.oracle.com/en/java/javase/12/docs/api/java.base/java/util/Arrays.html

Class Array
https://docs.oracle.com/en/java/javase/12/docs/api/java.base/java/lang/reflect/Array.html

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