

Week 1

Thursday, August 20, 2020 10:47 PM

如何高效筛选素数？如何高效筛选素数？
<https://zhuanlan.zhihu.com/p/84523764>

@fengkeyleaf

Sieve of Eratosthenes
https://en.wikipedia.org/wiki/Sieve_of_Eratosthenes

java (1) 基本概念整理+eclipse安装配置
https://blog.csdn.net/weixin_40725491/article/details/83018497

解决一个JAVA小问题 - Must declare a named package
https://blog.csdn.net/weixin_45729809/article/details/103996687

参与国际化项目需遵循的java命名规范
<https://baijiahao.baidu.com/s?id=1649903634217011923&wfr=spider&for=pc>

Java的变量命名
<https://www.cnblogs.com/wuyongyu/p/6230875.html>

eclipse代码自动提示后怎样让自定义的变量名不提示
<https://zhidao.baidu.com/question/180720509245671764.html>

Java中数组的定义与使用(一)
<https://blog.csdn.net/mrbacker/article/details/81638331>

Java 数组
<https://www.runoob.com/java/java-array.html>

Java Arrays工具类
<http://c.biancheng.net/view/5885.html>

Java 集合系列03之 ArrayList详细介绍(源码解析)和使用示例
<https://www.cnblogs.com/skywang12345/p/3308556.html#a1>

在Java中怎样把数组转换为ArrayList?
<https://www.cnblogs.com/libin6505/p/11027211.html>

JAVA中数组的初始化
<https://blog.csdn.net/chen404897439/article/details/90715248>

java中的arraycopy(), copyOf()和copyOfRange()方法详解
<https://blog.csdn.net/just16cz/article/details/80385101>

java-String与Integer的相互转化
<https://www.cnblogs.com/zhuyeshen/p/11424800.html>

java中Integer、int和String之间相互转换方式
<https://blog.csdn.net/sunjinjuan/article/details/81241090>

java中遍历字符串的三种方法
<https://blog.csdn.net/u014570939/article/details/85482349>

java 遍历String
https://blog.csdn.net/weixin_33695450/article/details/85858793

Java中char和String的相互转换
<https://www.cnblogs.com/rrtpp/p/7922202.html>

Sieve of Eratosthenes

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

→ 2 × 2

3 × 2

4 × 2

5 × 2

6 × 2

7 × 2 > 16

$$\rightarrow 2 \times 2$$

$$2 \times 3$$

$$2 \times 4$$

$$2 \times 5$$

$$2 \times 6$$

$$2 \times 8$$

$$2 \times 9 > 16$$

$$\rightarrow 3 \times 2$$

$$\rightarrow 3 \times 3$$

$$3 \times 4$$

$$3 \times 5$$

$$3 \times 6 > 16$$

$$\rightarrow 4 \times 2$$

$$\rightarrow 4 \times 3$$

$$\rightarrow 4 \times 4$$

$$4 \times 5 > 16$$

$$5 \times 2$$

$$5 \times 3$$

$$5 \times 4 > 16$$

$$6 \times 2$$

$$6 \times 3 > 16$$

$$7 \times 2 > 16$$

$\boxed{}$ repeated $\rightarrow \hat{j} = i + 1$

$\boxed{}$ repeated $\rightarrow v = 2 \sim (\sqrt{n} - 1)$

1 2 3 4 5 6 7 8

$$2 \times 2$$

$$2 \times 3$$

$$2 \times 4$$

$$2 \times 6 > 16$$

$$3 \times 2$$

$$3 \times 3 > 8$$