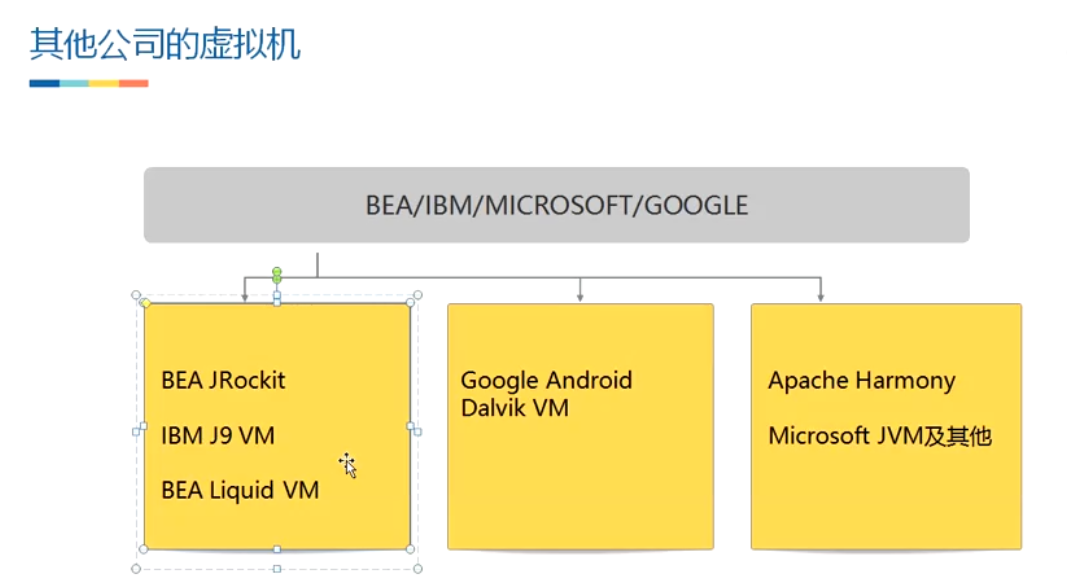
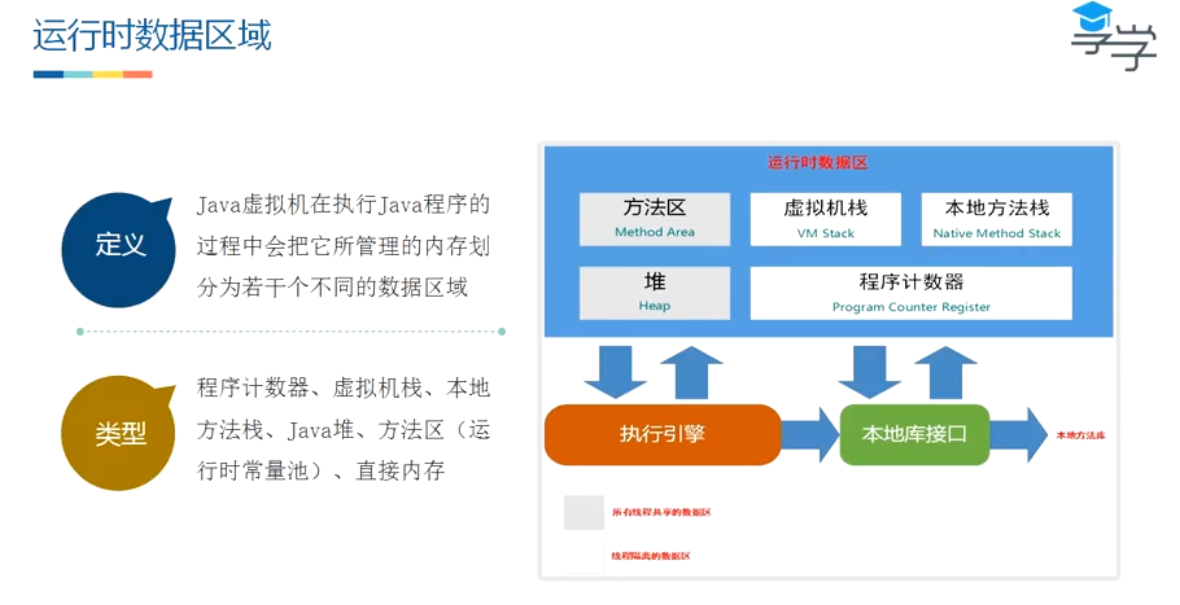
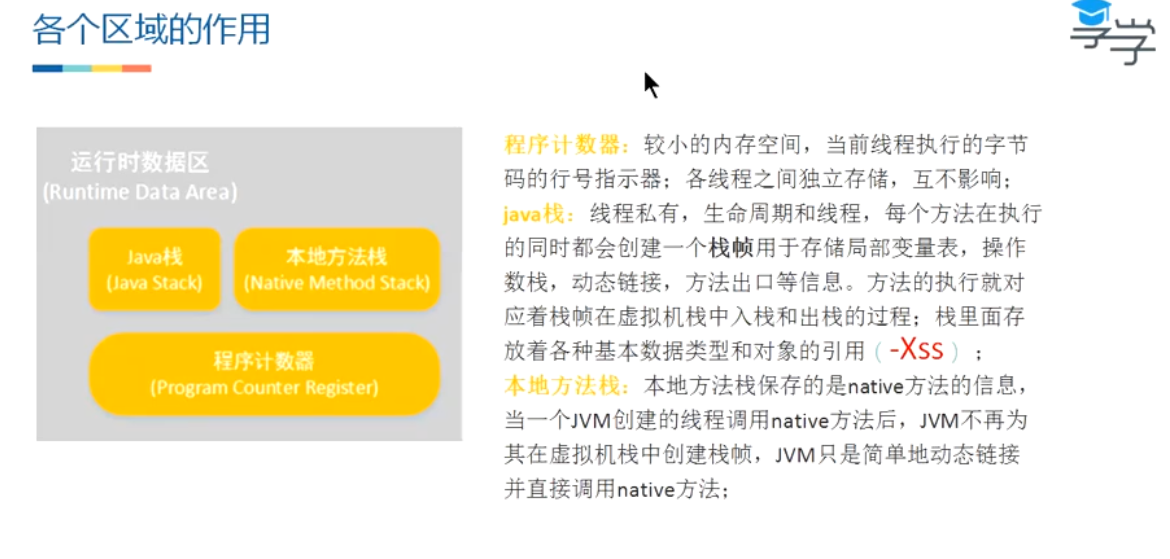


HotSpot VM 热点VM



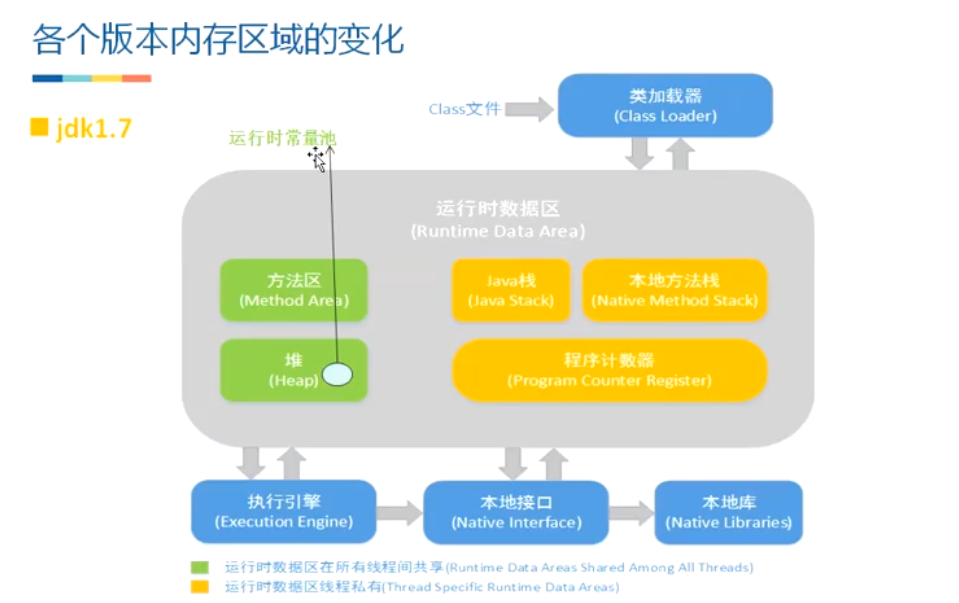


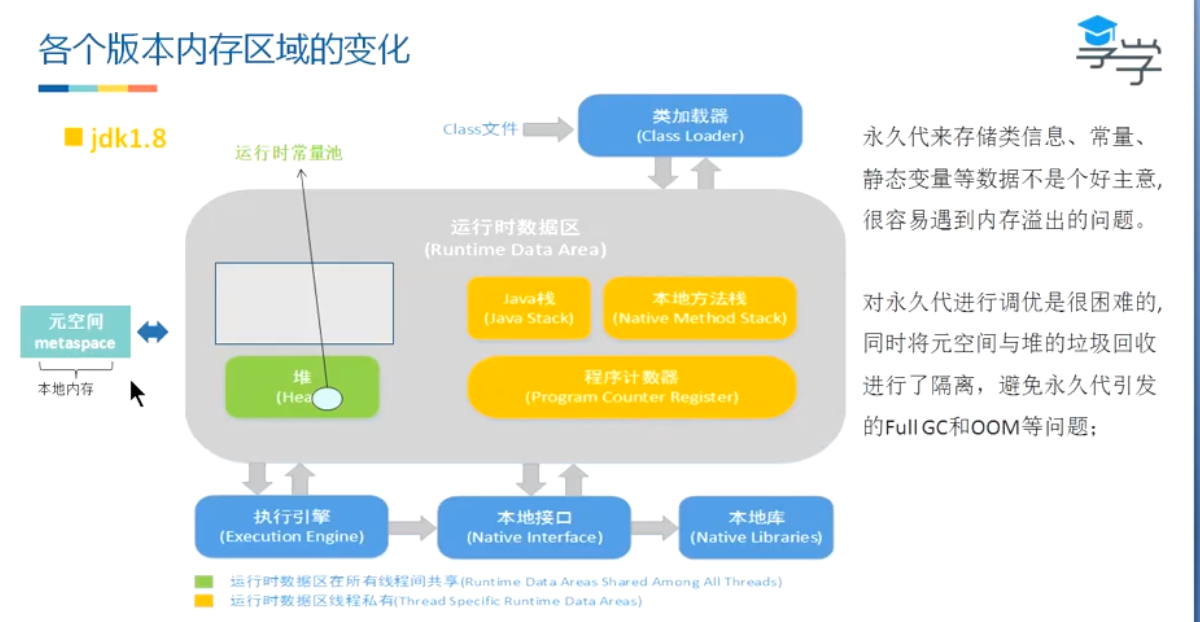




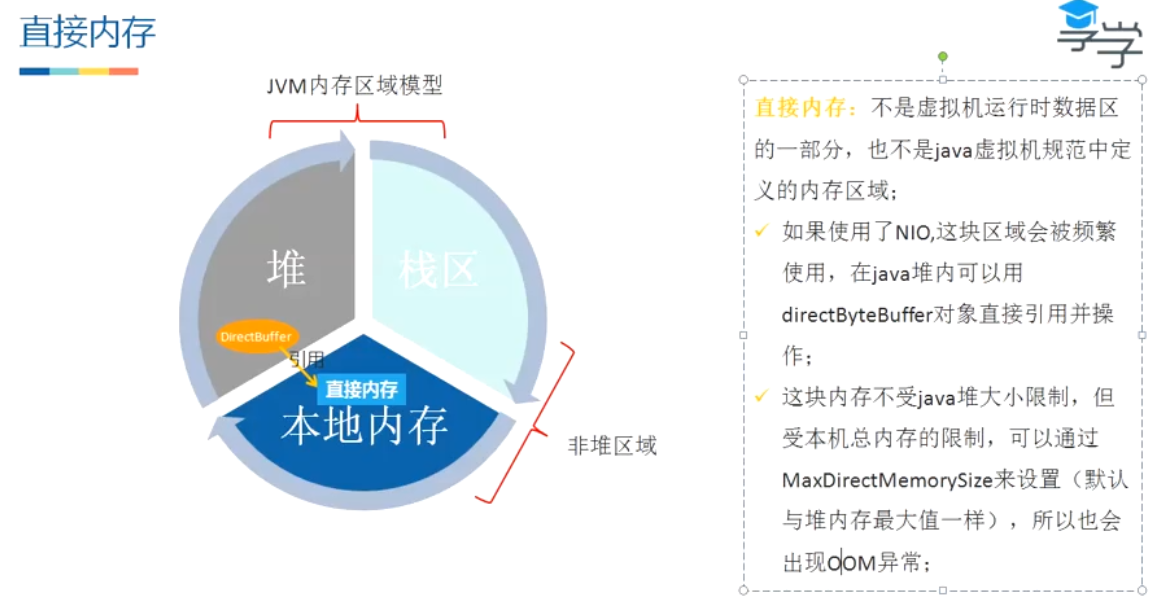


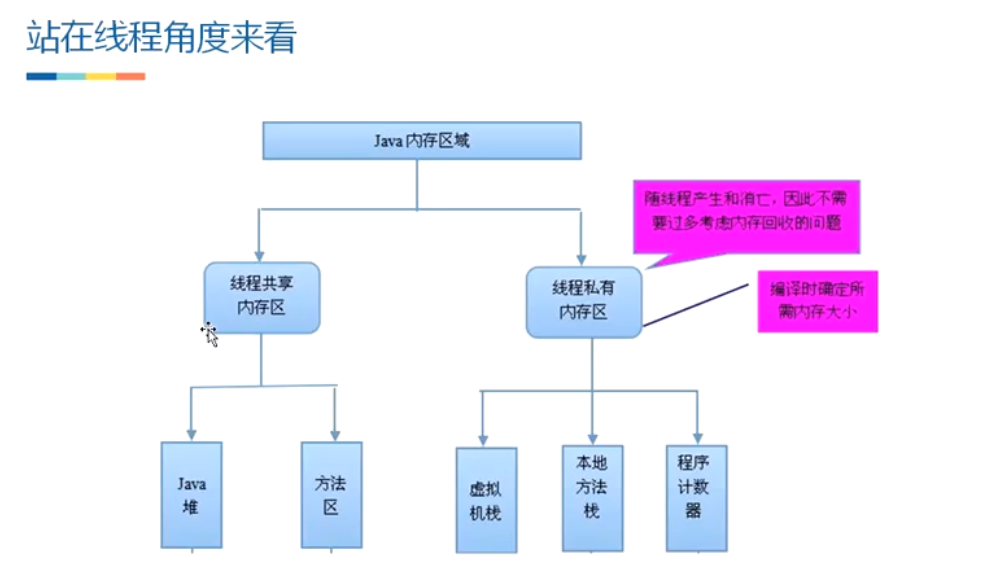


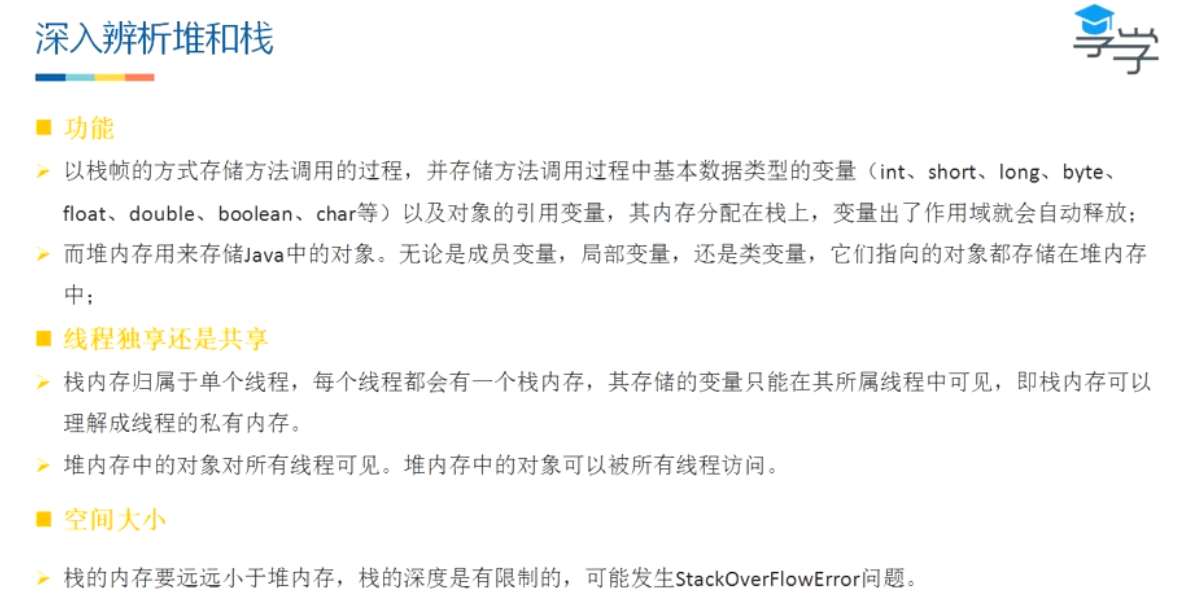




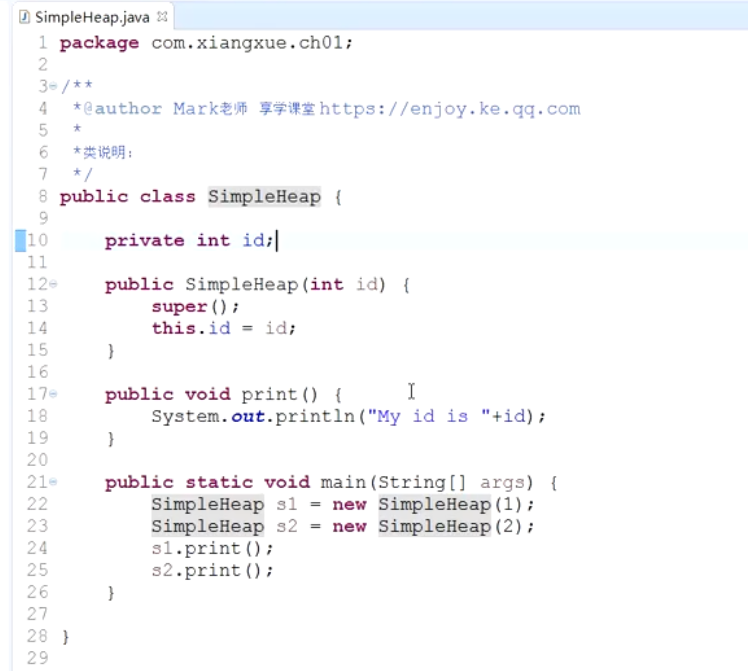
为什么将元空间放到了虚拟机内存之外？ 为什么永久代不好调优？

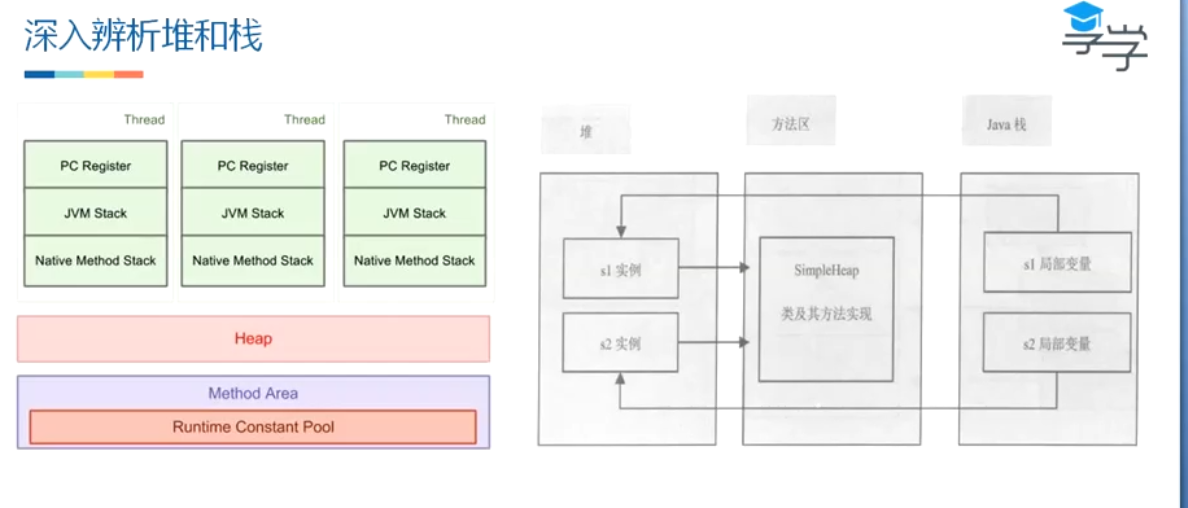




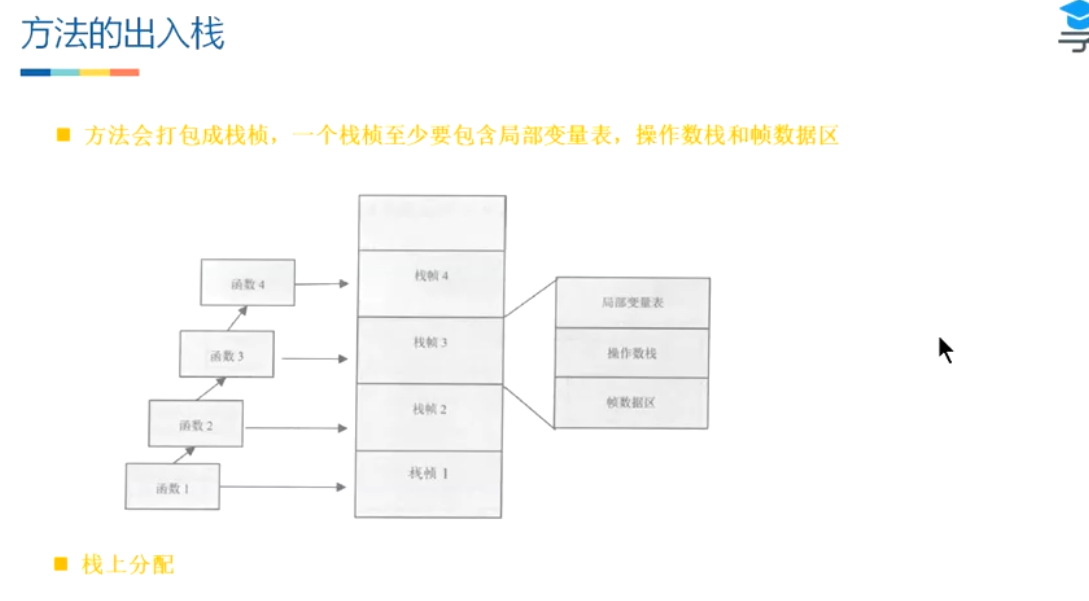


通过代码解释局部变量、全局变量的内存位置





程序入口 main 方法也会封装成一个栈帧吗？



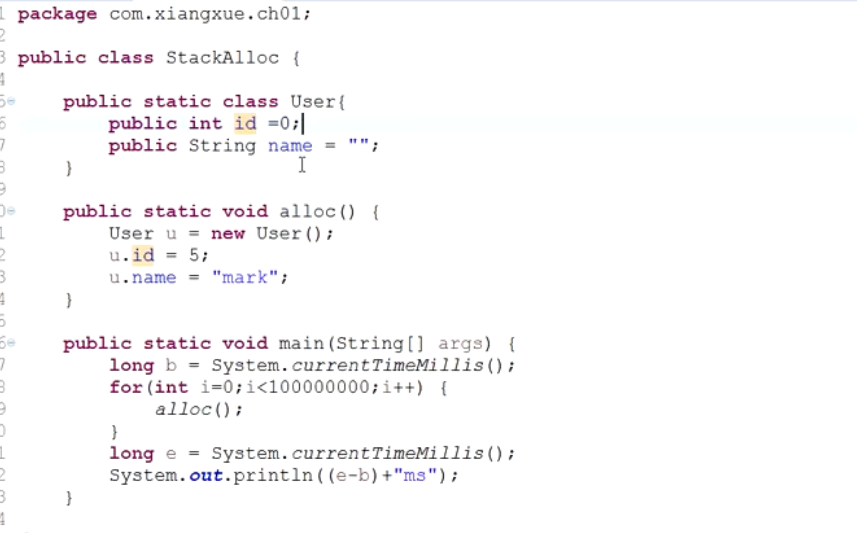
所有对象的内存都是分配在堆上吗？

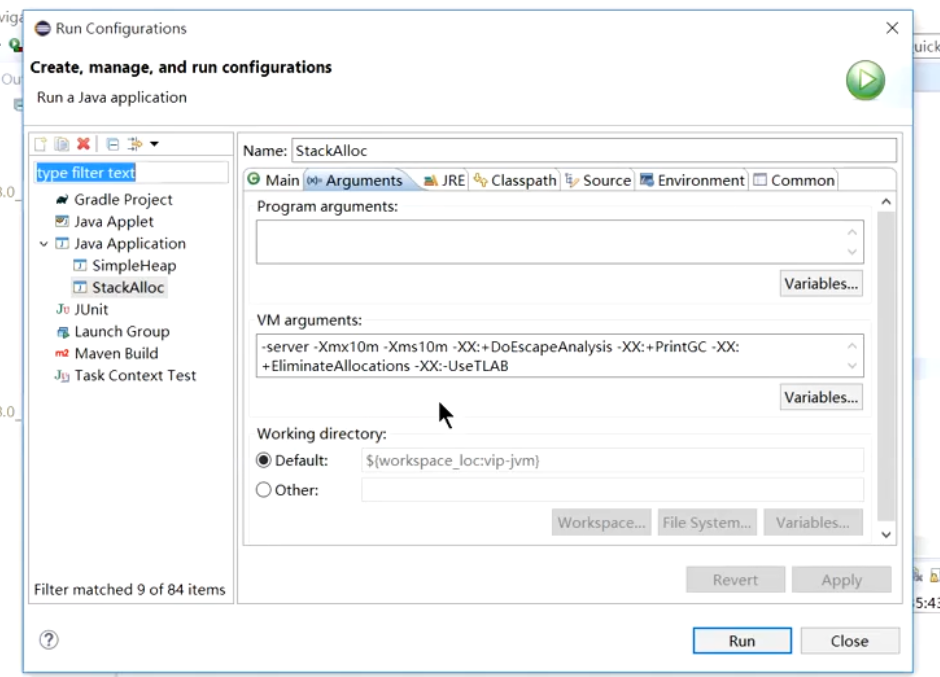
栈上分配有哪些优势呢？

对象跟着函数的调用自行销毁，提高性能

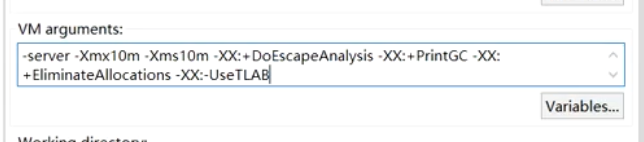
需要：逃逸分析

栈上分配代码实例：



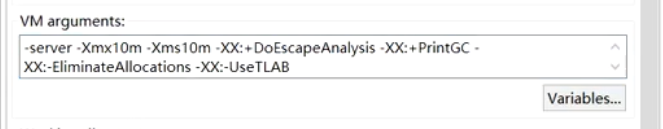






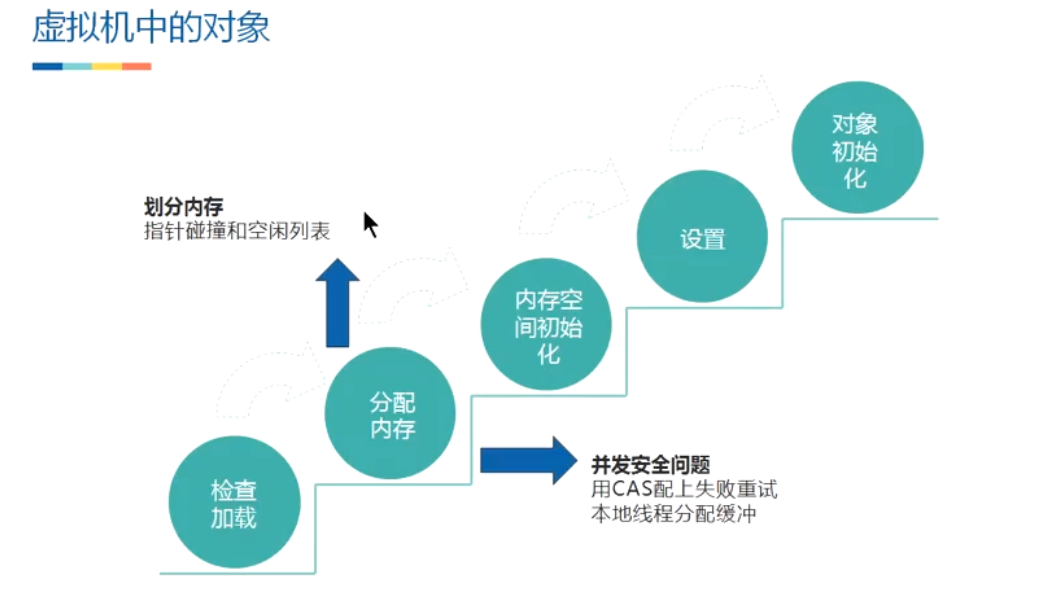
**-server –XX:+DoeSCAPEaNALYSIS –XX:+EliminateAllocations**

**3个都是开启，+标识开启，-标识关闭 才能开启栈上分配**

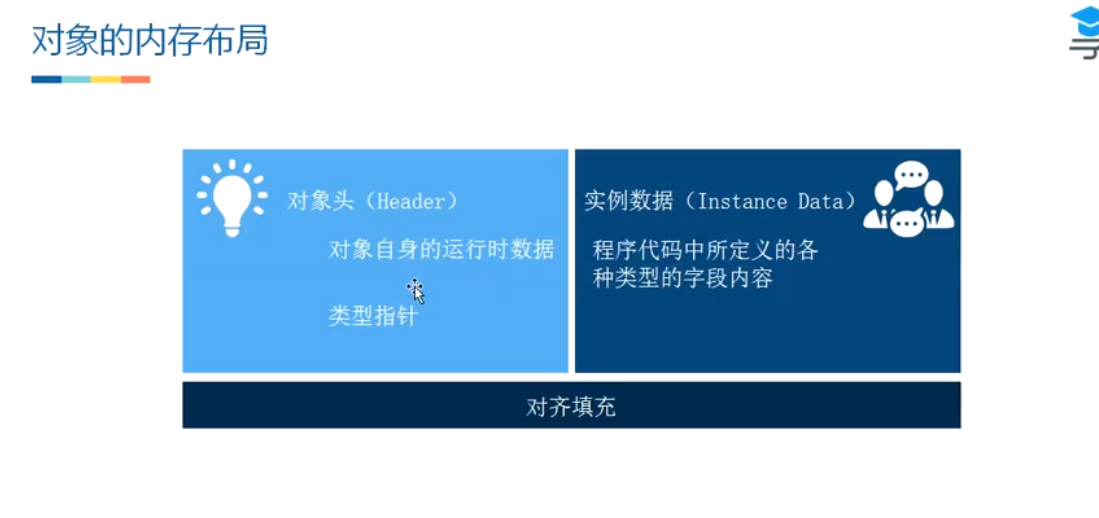


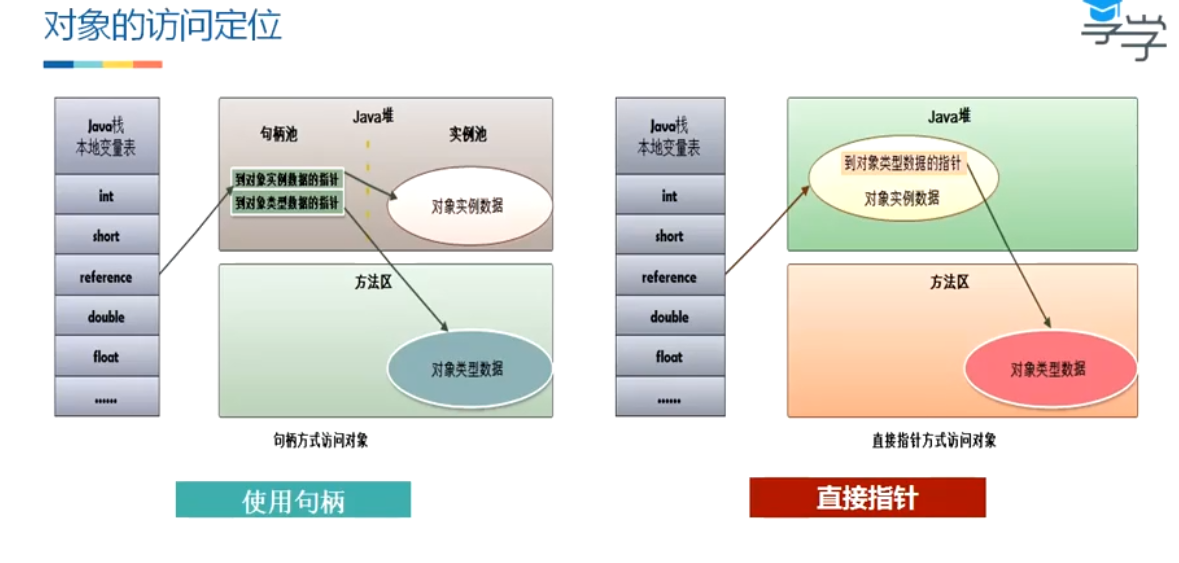
将**EliminateAllocations标量替换关闭，或者逃逸分析关闭，将不再进行栈上分配**

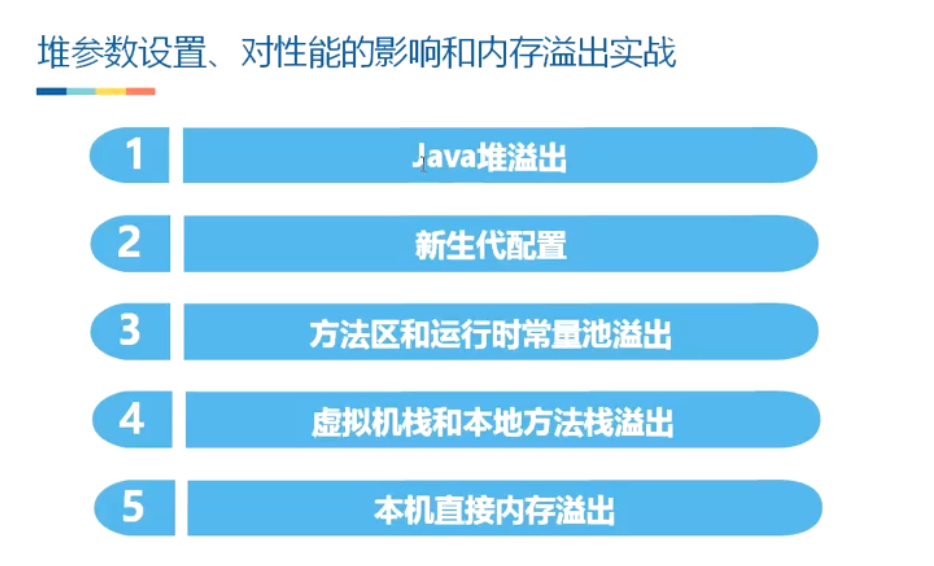
逃逸分析是什么呢？



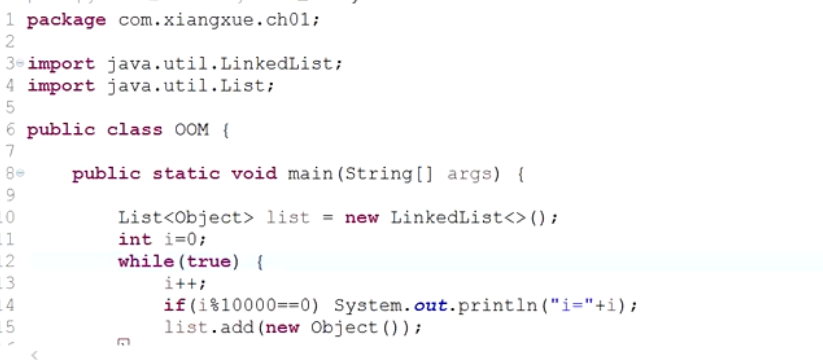
对象的创建过程？





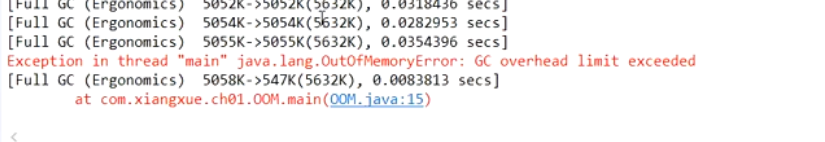


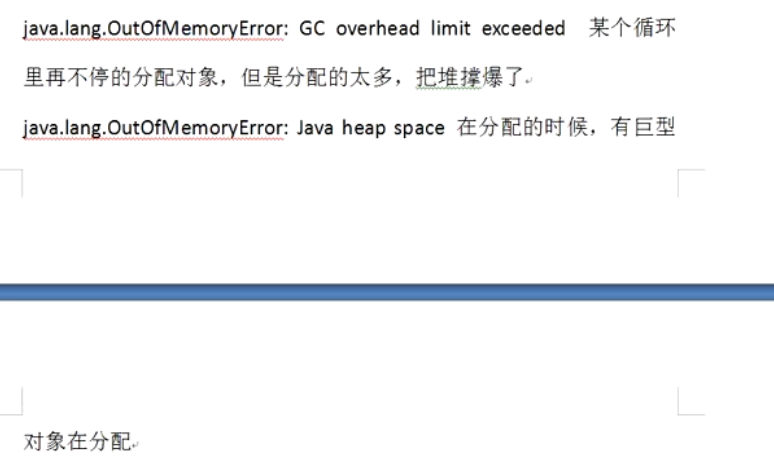
内存溢出测试：

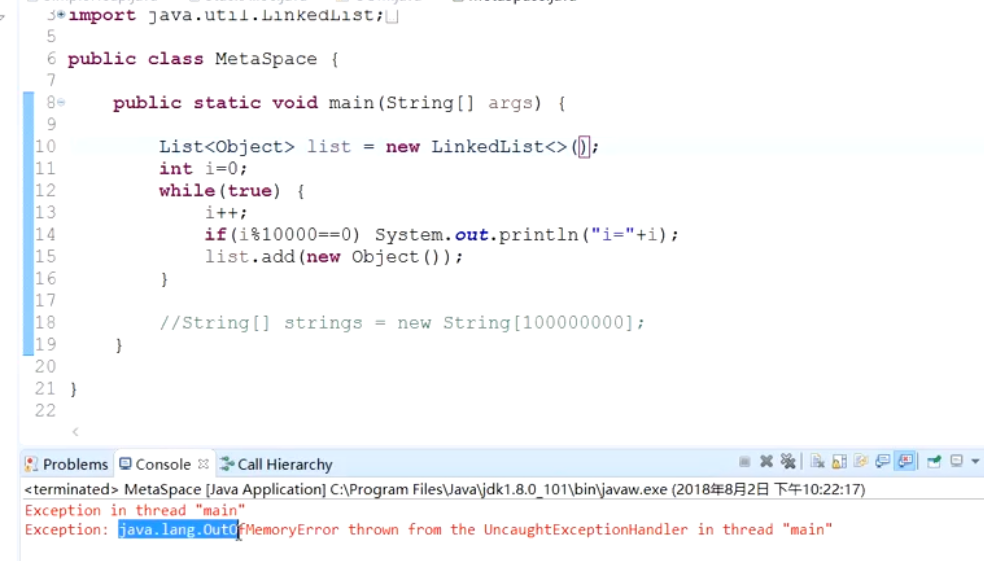




堆溢出：



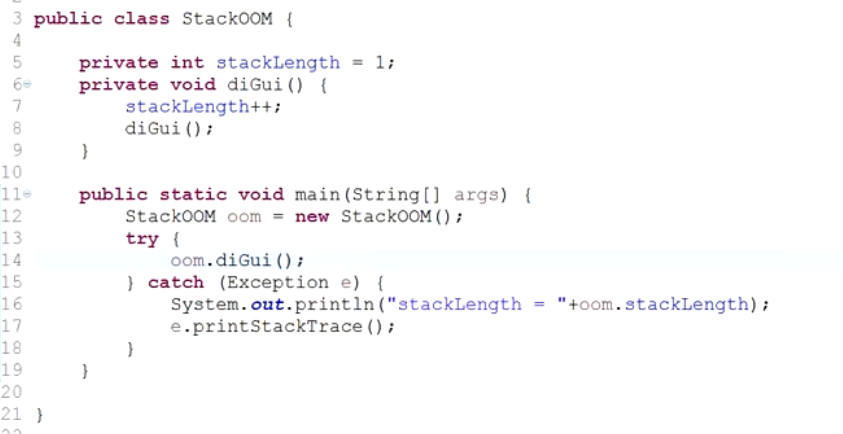


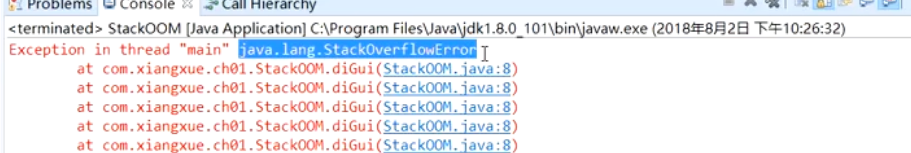


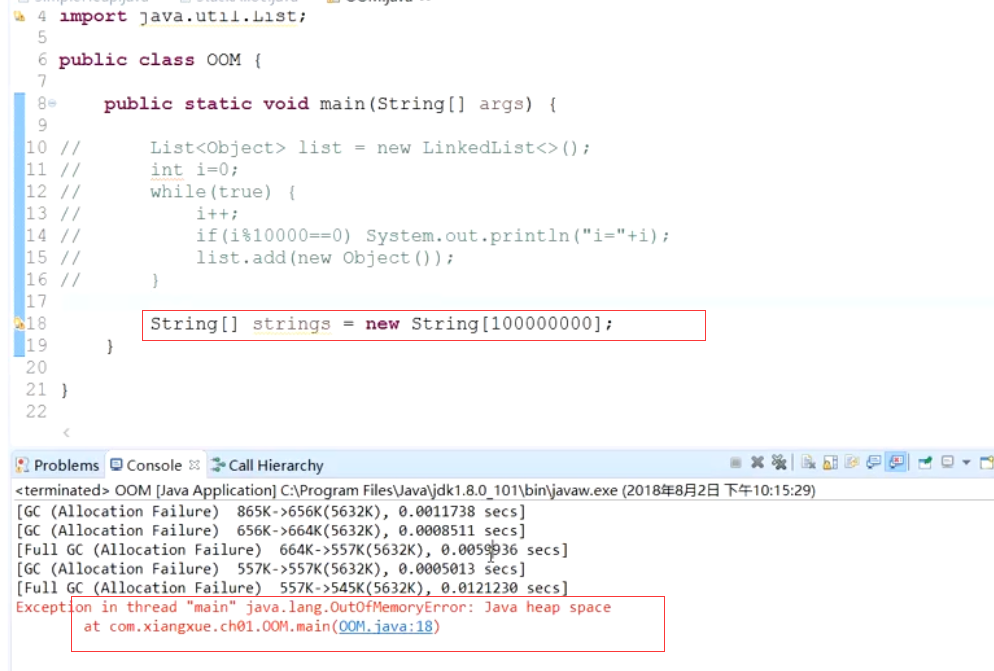


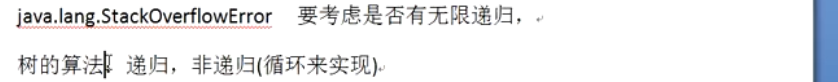
栈 –Xss缺省是1M











1.8 默认开启逃逸分析

直接内存溢出

