```java
package main.java.Test1;

public class GC2 {
    public static void main(String[] args) {
        int size=1024*1024;
        byte[] myAlloc=new byte[5*size];

    }
}
```

-verbose:gc //报告每个垃圾收集事件，输出虚拟机中垃圾回收的详细日志
-Xms20M   //初始化堆空间大小
-Xmx20M   //最大堆空间大小，-Xms和-Xmx设置成一样可以避免垃圾回收造成的抖动问题
-Xmn10M   //新生代内存大小
-XX:+UseSerialGC
-XX:+PrintGCDetails //打印GC回收详细日志
-XX:PretenureSizeThreshold=4194304 //新创建的对象大小大于这个阈值直接在老年代创建

Heap
 def new generation   total 9216K, used 2511K [0x00000000fec00000,
0x00000000ff600000, 0x00000000ff600000)
  eden space 8192K, 30% used [0x00000000fec00000, 0x00000000fee73cf8,
0x00000000ff400000)
  from space 1024K,   0% used [0x00000000ff400000, 0x00000000ff400000,
0x00000000ff500000)
  to   space 1024K,   0% used [0x00000000ff500000, 0x00000000ff500000,
0x00000000ff600000)
 tenured generation   total 10240K, used 5120K [0x00000000ff600000,
0x0000000100000000, 0x0000000100000000)
   the space 10240K, 50% used [0x00000000ff600000, 0x00000000ffb00010,
0x00000000ffb00200, 0x0000000100000000)
 Metaspace   used 3497K, capacity 4498K, committed 4864K, reserved 1056768K
  class space   used 387K, capacity 390K, committed 512K, reserved 1048576K