Task 1

Please add the class MemoryEater.java from<http://10.6.102.126/svn/mentor/trunk/src/main/java/com/epam/heap>

to your application. Please analyze the reason of the error. Add research artifacts and change the code so that fix it.

Please give 2M for thread stack, 1024 M (maximum) for heap, I want to have the following heap structure :5-Eden,2-S0,4-S1

java -XX:+PrintTenuringDistribution -Xss2m -Xmx1024m -XX:MaxNewSize=12m -XX:SurvivorRatio=4 com.epam.jmp.mm.task1.MemoryEater

Desired survivor size 1572864 bytes, new threshold 1 (max 15)

2014-10-20 09:06:36,430 INFO - free memory: 10513224

2014-10-20 09:06:36,430 INFO - free memory: 9464632

2014-10-20 09:06:36,430 INFO - free memory: 8416040

2014-10-20 09:06:36,430 INFO - free memory: 7365336

2014-10-20 09:06:36,430 INFO - free memory: 6316744

2014-10-20 09:06:36,430 INFO - free memory: 5266104

2014-10-20 09:06:36,430 INFO - free memory: 4217512

2014-10-20 09:06:36,430 INFO - free memory: 3168920

Exception in thread "main" java.lang.OutOfMemoryError: Java heap space

at com.epam.jmp.mm.task1.MemoryEater.main(MemoryEater.java:19)





