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🚺 prog_05_131.java 🗙
       public class prog_05_131 {
    static int matrixA[][],matrixB[][],matrixC[][];
    static class Main1 extends Thread
                 int sz;
Mainl(int size){sz = size;}
public void run() {
   int i,j,k;
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                      System.out.println("Finishing thread 1...");
                 int sz;
Main2(int size){sz = size;}
aublic void run() {
                           System.out.println("Finishing thread 2...");
              it sz;
iin3(int size){sz = size;}
ublic void run() {
   int i,j,k;
   for(i=0;i<sz;i++) {
      for(j=0;j<sz;j++) {
      for(k=0;k<sz;k++) {
            matrixC[i][j] = matrixA[i][k]*matrixB[k][j];
      }
}</pre>
                 }
System.out.println("Finishing thread 3...");
      public static void main(String atgs[]) {
   int msize = 512,i,i;
            matrixA = new int[msize][msize];
matrixB = new int[msize][msize];
matrixC = new int[msize][msize];
            prog_05_131.Main1 main1 = new prog_05_131.Main1(msize);
prog_05_131.Main2 main2 = new prog_05_131.Main2(msize);
prog_05_131.Main3 main3 = new prog_05_131.Main3(msize);
           main1.setPriority(7);main1.start();
main2.setPriority(1);main2.start();
main3.setPriority(10);main3.start();
                 main1.join();
main2.join();
main3.join();
            }catch(InterruptedException e) {}
System.out.println("Finishing main thread...");
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Finishing thread 2... Finishing thread 1...
Finishing thread 3...
Finishing main thread...
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package test;
  class Scheduler extends Thread{
  Thread[] runq;
  int slice_unit,tcnt;
      Scheduler(int tunit){
    slice_unit = tunit;
    runq = new Thread[5]; tcnt = 0;
7e
      void add_thread(Thread th) {
   runq[tcnt++] = th;
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      }
void cpu_yield(int pri) {
    try {
        Thread.sleep(pri*slice_unit);
}
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          catch(InterruptedException e) {};
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                        /*cth.resume();*/cpu_yield(pri);
if (cth.isAlive()) {
   cth.setPriority(pri);
public class prog_05_23 {
    static int matrixA[][],matrixB[][],matrixC[][];
    static class Main extends Thread
    {
            int id,sz;
           Main(int n,int size){id = n; sz = size;}
public void run() {
   int i,j,k;
                  for (i=0;i<sz;i++) {</pre>
                       for(j=0;j<sz;j++) {
   for(k=0;k<sz;k++) {
      matrixC[i][j] = matrixA[i][k]*matrixB[k][k];</pre>
                             }
                       }
                 System.out.println("Finishing thread" + id + "...");
           }
      }
                       ze prog_oo_io i touva / (ppiioutioii) /
Finishing thread 1...
inishing thread 3...
inishing thread 2...
inishing main thread...
```