3) O valen processado por (val / 2000) é jan (val - 20000 V (Val / 2000) H/200) par val 20 160 (Nal - 100de X Val) 1000 | Val 750 | 100 to re re myses 6 valery O valor pocenado por Bra e jor O ja 202 208 10 valor processed for \$1 0 for 0 for \$0, 23 Orales processed you 5 10 you 0 joi 22 I work for the complete for 2 1 you a for 23 Livelan pacerale for The police for 20

mem = 10000 x (typeo][md[0]]) + try [O][ind[O]] % 100 + 100 x val 1200/ + bal 4 700 = 10000 x to [O] Lind EO]]) + try [O][hel Co]) you + ral + Val 90 100 700 202 2 2 7 708 + & + 303 + 3 = 422 20 7 2 708 + 8 + 407 + 7 = 30 GOB+ 100 x 509 + 4 + 609 +9 306 一月17 40 512 211 x 100 + 11 + 306 + 6 14 13 12-1945 410 X 100 4 10 1 10 5 H 52 5 14 17 512 X100 X 12 + 360 F

Sistemas Distribuídos

```
Teste 1
```

```
public StoreRegion (int mult, int size)
      tnum.milt = mult? ?
tmp = new int[mult][algo];
      this mult a mult?
                                    - rampfort of
      ind = new intimpilt);
      access, up (1)
      atat = new Semaphore[mult+2]/
      for (int i = 0; 1 < mult + 2; 111)
      { 1f (1 < mult) ind(1) = 0;
        stat[i] = new Semaphore ();
      stat/multill.up (): - in associa a a remapling
   public void putVal (int val)
                                    0
                                       4 / 5 E
      int m = (val % 100) % mult;
www. ) stat[mult+1], down ();
      access.down ();
      if (ind[(m + 1) % mult] != 0)
         { ind[(m + 1) % mult] -= 1;
           mem = 10000 * (tmp[(m + 1) % mult][ind[(m + 1) % mult]] / 100) +
                tmp[(m + 1) % mult][ind[(m + 1) % mult]] % 100 + 100 * (val / 100) *
                 val % 100;
           for (int i = 0; i \le mult; i++)
             stat[i].up ();
                               408 202
                  0 1
                                   u mallo) - 1 201
         else ( tmp[m][ind[m]] = val;
                ind[m] += 1i
                                           2 at [3] -
                stat[mult+1].up ();
                                                                Mr Try CO JEOD 108
      access.up ();
    1 stat[m] down ();
                                           stat[0 7-1] -
                                                                      THE COJETY = 202
   public int getVal ()
                                            Not [2]
                                                                      try corc 01 - 504
      int val;
      stat[mult].down ();
      access.down ();
                                                                    Ing [1][0] 701
      val = mem;
      mem = 0;
                                                    624
      stat[mult+1].up ();
                                                                   CMy E17E17 = 105
      access.up ();
      return val;
                                                                   Instables 277
public class Resource
  private int n;
  private Semaphore access = new Semaphore () /.
  public Resource (int n)
     this.n = n;
     access.up ();
  public boolean printVal (int val)
     access.down ();
     if ((n > 0) && (val != 0))
       ( System.out.printin ("O valor processed por * + (val/todoo) + " a por "
                  ((val-10000*(val/10000))/100) + " tot " + (val/100) + " ")/
          n -= 1;
       }
    access.up ();
    return (n == 0);
```