## Multithroading

multitarkahag · at a time typing in word and hearing song Blow that

early took Edlad Aread newithreading

o In word byphay, at the in. time It check Bb Helling mistake

· ie) The process to breakdown feller exercipelise of 19 Horads

. rawadays there are 8 core processor. But the main take one three as to more the use of quotes we go be multithreading. is) areas written forego and were after some April migh different thes processor.

- . Treket booking
- . Qq; where use the apply like amoren, it send request and work Of response at the three use can also use other application the. So request to send only by Hillbroad.
- . 6.8: Soundt can get request and give response to user So at the time several ver veces some solvered 94 creat multiplineable.
  - · eg: Graning as a time may one playing So thread & there.

> It 98 smallest Pargramed Metrucción managed by schedulor.

boardt ramed DIA do not require wer Meraceion

Soveret recen

2) Demon thread allow to

Sourch rew wer stoors

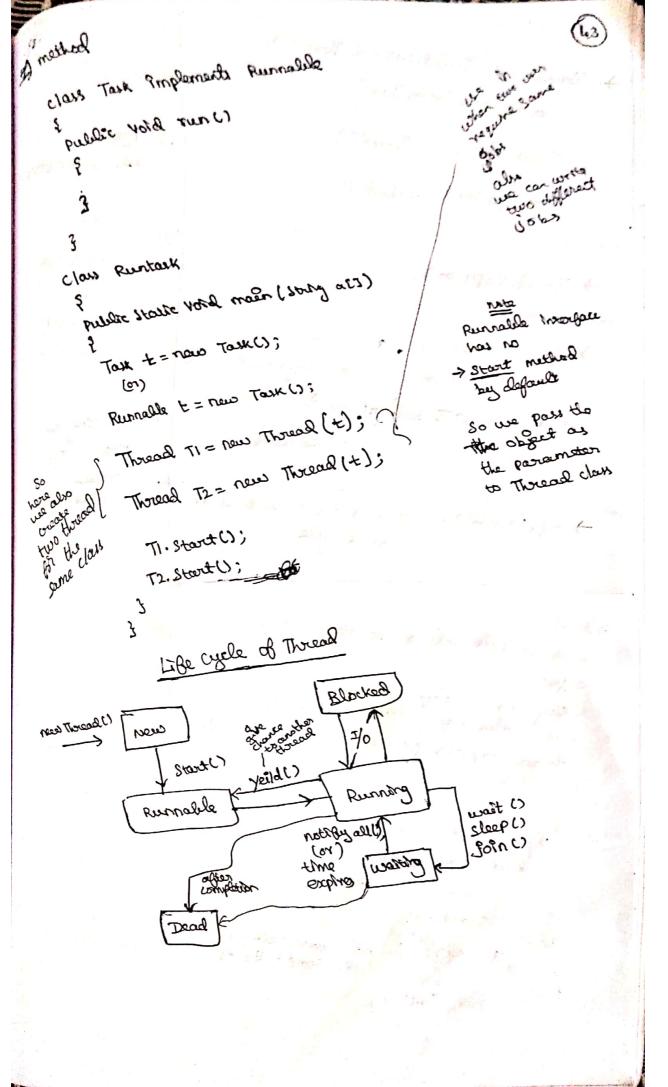
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6-9: · brankage welledo. In Java

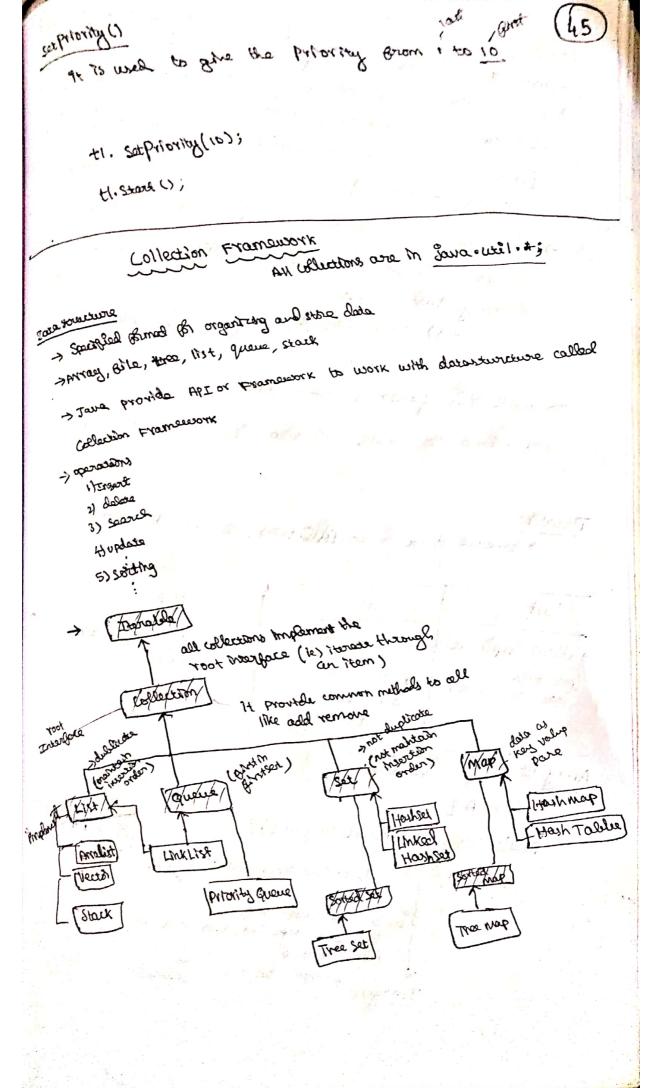
Theap memory management

Augnoration request Showanges Board B Ros AF > macker au trow low trabragal mork wooden gough wenter St. ينهين L) AJAX poractive design more can be ("changed) The that All process Share some process resources. of It manage by schoolullar. CReating thread expee out ] exterds thread clark Etranogmp runable marface (2) because to extend こご another class have so multiple Moritaires nome estands Thread nat support respons of aram 2) Class فس در Public vold run () 11 overworks nethod the rent) balten Pullinge State Word main (storing a [7]) ( JAKHS namecis name objetions name (1); (1) Thread to enous becaus on this it take we have the defritton vere Ben () objected! alls objerune? best Mame = now (ame ()) 3 to can areass other wethod also.

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Note
                                                        > why directly
Class Hi
                                                          were it was
                                                          thread how
     Public vold run ()
                                                           Creased
        £
          (かり, でい, 144)
              System. act. Proth ("HI");
               try (Thread. sleep (500); } (atch (Exception e) 83
because
     class bello
            Pulve vold men ()
                                                                   Note
               && (1=0;1c5;1m)
                                                                  here
                  Green out. Andm (-Hello"))
                                                                 thread well
                                                                 est a time
                   try8...3
                                                                 Te gave
                                                                 Emst as
                                                                  Parstray
                                                                   but her
                                                            Longerain all one
                                                                    Same
          public clase Thread Deur
                                                                   r oc
                                                                  executi
                                                                   randonly
               made)
               Hi 08/1= Nus Hil);
               Hello of > now Hello ();
                  Objit . Start(); -> Florand. cloop (100);
                  obj. Start();
                                                             mound
                             of bullown;
                                                             mused of
                                                            scheduller
                                                             Choose frances
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> Thread m= Thread word Thread ();
        m. Set Name ("Main three")
      () bear IT bear IT
                                                   :) Napa
                                                      Interveptedly
        TI. Sullame (" TI child");
                                                   (li)
                                                         Thread doput
                                                          man enan
  ((co) good. boorut (
                                                            Wee
  Current Thread(), getNome()
                                                            1-lacord
                                                            Thread-2
     : (() small the Board truck ) truck
                                                    Mi) deveny the
                                                        Ame of I/o
                                                         of boards
   -> obj. gorstoke(); || 9t gloss the current state
                         i.es who cycle
 → gom();
   . we can divide and do opposition and can
  werds,
    . Thay run parallely.
    bild litere (si. tion Basset rism and.
     thread completed prevent thread has to whit
         Thread to com Thread ( );
           the Start ();
           the solver; It with here man has wast
                           ceffer complet the # "Hi" is execute
             Buttle ("H;");
```



Integer

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a. a.a.a. (1); Itto add the value is reserved
  a. add (8):
   a. add (2);
                                      11 1 1 1 1 1 2 2 2 2 3
    Sylven out Prontin (a);
bolish = a. contains (1) | It check the resultan or treat present on en
 Print (P) } | de
   AMON LIK & Integer > B = name Among List & Integer > ();
         B.add (4);
         B. add (5);
         System. Oux. println (B); 11 [4,5]
                                 wed to add list of items [1,3,2,4,5]
         a. add All (B); | wed to add list of terms
           a. asl A11 (1,8) 11 etp. [1,4,5,3,2]
                          Betweenp
                          psinton to [1,5,3,2]

psinton to be removed
             a remove (1);
            Syram.oux. printh ( a. 80x(1));
                                       to got an elament of
                                       these British
              Lyten . out. Arth (a. Indese OB (5));
woppen !
                                         yourse to holes value of 5
 the passicular
  valethere
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Emmal 1st:
  + allow to noutgate both the Direction
  -) not the randomly access value
  -> used to access sequently one after consther, one begins another
     Inked list (Intersper) a = noise Linked Little (Integer) ();
      additional mothods in insealth
                                                          OP
                      State .
                                                      [1,2,3,4,5]
                                  5/6
                               [1,2,3,4,5,1]
         a. addlast (1);
                              [2,1,2,3,4,5,D
         a alaFint (1);
          a. remove First ():
                               [1,2,3,4,50)
          a. removelant ()
                                [1,2,3,4,5]
           a. get Fint ();
            a. ger Lost ();
    3 st Interface ;
        have trunken order not mathemal
        (1) < regant > to Entrol cuer = A. < regant > tol hash
                 Sound
                                                  duplication not allowed
                                                   Booken tank B rakene
               A. add(3)
               A.add (1);
               (E) bloo. A
                                OLP
                A-add (1); | [3,1,2]
           Tree Set (Integer > A = now Tree Set (Integer) ();
                                                   It automatically
                                                      strong marken
             010
                                   . dislay
                                                      Dofault: Ascending
            [1,2,3]
 SO.P( (mooder < integers) As head lot (2));
                                                   I have uselver be could
                              It also the
              to organ
                                                     each element
                                                     can compare with
                                      it groband
                                                      other elements
                         A. tall sex (2)
                                          last
                                         16/2,3
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Tree Map (String, Indeger) A = new Tree Map (string, Indeger) ();
  Map Intenfora
                                           s have konto and
     A. Put ("pan", 12); | to Insert
                           S Bo = 13, pan = 123 har supercation
     A. Put ("Be", 13); He
                                                of volues allowed
                                                  but not keeps
             Comparable and Comparation (Injurace)
 There are used By Searching and South Process, wherever
 > Compare To method provide compositions (0, -1,1)
                               one comparation logice here
   Compararo.
    Also bearing and compate To mothod of the compate to
                                         (0,-1,1)
          ma parameta
           as arguments
 < man > alas ragan dumalymis anan euo!)
 Pm port Java. util. 4;
                                   have an ward
                                   to spectby type
                                   must be reference type
     Public int compare to ( * appe aby)
         TB (this. sal = = 063. sal)
          else 18 (this sol > obj. sal)
              recuer 1 /
            else
              rewin +1;
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- here by dopande Note the Imager class implements Collections. Sort (04) explosed delarest mas Collections. reverus (0/3) and degine compare to () soundy GRIROGEN Sont This rame 495+<nqme> Detest= new Amber List <>(); Collections. Sport (ob) ]: | this was natural ordered of provide of inside that compareto etruravo or been an book san been an of t Collections. Sort ( abs, ) But it is interface of this Stear as wood Comparato ob = new comparato () < spectra od comparator 1) Annombrus class 2) we also weate Public Port Compare (Integer i, Integer i) the class and use the regerence 5 -108/6; redum; " of Therface 3) became ( (do, Edo) + oz. emethalla) no by Class it be any The use dephede also Comportaliste: Class A Amponet comparable not reed public no compare To ( ant a) to implement public storing tolong 178 collectors. Set (oby), 06) ?

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By worderhed class

Amongston cours Le new Amongston coens o;

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collection Francusok - Willy in util Package The 18 of Bramamork > Hierachy Dyramie > List - In the order use Presented can Mercase Allow the model cardon the stee tesely was when I parlean e) used to state JArray List -add (E · add ( Port index, E element) API reactived import Joua. Util. Array List; class different data type main! Array List at = now Array List(); al.add ("SREC"); SIZE () - gives the al. add (12); ring to the look al. add (12.45); be carried Bot (me 1=0; 9 cal. stre (); 1++) Array List ... get (psnen) - ?t System. out. Printin (al. get(1)); gives the 3 ArrayList (Sowing > al = new ArrayList (Sowing > (); main () } giral type al-add (" SREC"); and datable al. add ("SRIT"); use can able to use advacced on (string s:al) System. and . Pontin (5);

lathress 180 rathral le Proport Java. Util. Itanaka Iterate for = al. gunate (); While (Ptr. has Noxt ()) = theck next is having or not System. out. printly (964. next ()); + move to nesce after Privileg 3 4) LIST TEOTOSS (BR reverse order) BR Bront Same) (Nos?2. So) PatorotIteil. So = 109 PatorotIteil give the stee where (for hasprenious ()) ; (Western. rd9) Almy. two. metall? 2) Konfryda Bringsjer al. for Each ( i > } : (?) n/tmrq. two. metage? 3); Collections. sort (al); 6)

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now it is in sourced

order