Theores: It is a beyond which declares to the method that which exception to be thrown.

Syntax: throws

THROW: - It is a keyword of Inva which throws exceptional object by explicit

MULTI TASKING /MULTI PROCESSON: "Utilizing ideal time of M- Processor is called multi tasking (Ox) multi processor:

THREAD! - A thread is an independent process. A thread can be created in JAVA by 2 ways

1. By extending Thread class

2. By implementing runnable interface.

Now -> Class -> Though 2 > Brance -> Thread class -> Finish

RIGHT CLICK -> Q overrible from C) {

Jubilityand rum C) {

Brows -> Avoid jourd land charge while creating a class

RIGHTCLICK-> Source -> BOND OVER RIDE/IMPLEMENT METHODS >> SEARCH RUN

```
thread 1. java
- package srieja;
              public class Thread 1 entends Thread
              fullic iroid run ()
                                        for (int i=1) i <=10; i+=2)
                                                    System. oud. println (i);
                                                    Thread. sleep (1000);
                                                                eater (Interrupted Exception e)
                                                                      e. print Stack Trace ();
                                                                                                    the spine to be deed that on
                                                                                                                   LETTERSON THE TOTAL CONTRACTOR
                                                                                                                          CALL OF MAN THE STATE OF STATE
          Thread 2. java
                                                                                                                                          of the state of the state of
       > package sruja;
                      fullie class Throad 2 extends throad:
                                       Julie void run ()
                                                     for (int i = 2; i <= 10; i += 2)
                                                                    system, out, pountlin (19)
```

try & Though . sleep (1000); cotch (Interrupted Exception e) e. jound stade trace (); Comment of the first Runch RUNABLE INTERFACT ABSTRACT bond java Dem java > parkage svenja; public class Damis Julie static void main (string are) Thread 1 p = new Thread (c); Thread 2 q = new thread 2 (); p. start (); q. start ();

RUPCO RUNABLE TNIERFACE ABSIRALT

03-07-2024 waits parent thread until child thread dies Join (): - Jain () Threadl-1, java Thread - 1. javu thought javo -> parkage socija pulie class Thread 1 implements Runnable of Dowords Fullic Void runn c) for (int i = 1; i < = 10; i+= 2) System, out fountly (i); Thread sleep (1000) catch (Intervaluted Exception e) e. print Stack Trace (); in the said states suggest the control of the control o I write till implements Rumaldo > It gives error - CLICK ON IT > UNIMPL it displays @ override. public void nume; RUNNABLE INTERFACE ABSTRACT

Throad - 2. java. Threald - 2 - jany > hackage soujo; hubble class throad 2 implements Runnable & overvide unt 1=2 hillie void run C) $\frac{1}{2}$ for (int i = 2) i = 2) et worte till emplement Runnalde. It gives over . System oud buintlin (i); CUICK ON IT 7 Thouad. sleek (1000); Add Unemplemented methods eater (Interoupted Enception it displays @ overvide e. print Stack Trace (); public Void numy Doma - Java Thoreadd - 1 - 2 - Combine - Java -> prackage socija; public class Demo & public static void main (String ar (3) throws to intervighted trupling Throad p= new Throad 10; . Combination de 0/p: Threadd-1: Threadd-2 thread 2 p= new threal 2(); Threat or = new Thereal (p); Throad s = now throad (a); n. start (), s. start ().

system. out. println ("hello");

```
dalmon () Thread = service thread.
                                                 Daemon. Java
       Doma Juvi
- Juleage Sowija
   Julily class Demos
     public static void main (string wo [])
       Thouad Group tg = new Thread Group (" satvish");
             thread t = mew Thread (tg, "hello");
        System and println (t. get Name ());
        + set Name ("Hemont");
        System. out. printle (t. get Name ())
         system out fruntln (t. get Priority ());
         t. set Prairity (Thoual. MAX. PRIORITY);
         system.
                             (trast is
         system. out println ( ). get Priority );
         System. out fruitlin (t. isAlwe());
          t. start ()
          System, out printly (t. is Alive ())
          system, out pruntly (t. is bramon ());
         t. set daemon (towe);
           system, out printly (t. is Daeman ());
           System. ord. printle ( t. get thread Group ())
```

olp: hello towo 2 heamont fall 5 Jour 10 rull