31/7/2020 oble - transfer 12 Muttithreading Dasics of Java Managing & Monitoring threads - D Lo Creating, Managing & Monitoring things at the Several things at morting.

Some time. Segmentation: processes con't access.

Threads > Shall memory & resources.

Threads > Shall memory & min or Time Slicing allow threads to sun of the side of the side of the sun of the side of the si Memory accesses - Slow blow con a money of the secret of t Standard Horeads runs Exception: darmon thread. Exception: daemon thread.

Sleeping > Use loop to wait for preciod to Is doesn't block. plattoom dependent - Sleep (9) may (of) may not sleep

- sleep (0) may (of) may not yield. Default Thread Group Handler: Les cheek it detault Uneaught Exception handler has been Set.

Hardling group of the eads: -> Settly The privates of threads Inter Freed Communication; to Threads need to share their dala mae inched than the Variables Cade Reordering - Compiler, JUM. Preparence Helsen bugs Synchronizing data -> votta volatile data. 6) Any thread Can make Valiables as volatile. Memory Fence: 6 Type of Barrier Distriction that courses a CPV / Compiler to Entorce codering contraint con momony operations issued before & Later Bracier Instruction Mutual Exclusion -> Allows one thread to - access contical section at once > Built in Synchronized gives midd Exclusion -> Prevent Conculunt access to resources -) One (or) more facts of code which may not be accessed by more than one thread at time Matex -> Short for mutual Exclusion object. Meethel Exclusion -> Synchronised Keywood 5 to use project Invasion to Three liveness issues: Deadlack Threads cannot make progress.

Livelack requires all muteres it requires. Starration -> Deadlaks don't have to involve just himlack - Similar to deadlat, except that Slatis at processes donothed is linestock. Staurton , when threads are not getting A Enogh Genton time to carry out their Jests

Waiting requiles a Condition -> Wall Set Illegal Monitor State Exception Les Forgetting to Synchronize Les Synchronizing on wrong object. require reacquire notifiable() > Causes Thread to gerouise. Passing Tasks to Thread Pools 1 age -> Rumable Steeks at runc) Hodapting Callable to Kennable. Caller Runs Policy Caller thread runs instead. 4 9f not stutdown.