EDGE

	Chapter 13 - Multithreading
- 20	Multiprocessing and multithreading both are used to acheive multitasking
34.0	Process 2 Process 3 Thread.
	O5) Riocess
→	In a nut Shell Threads use shared memory area.
→	Till the fit of the first
→	
	is heavyweight
· †	For Example > A word processor can have one thread. running in foreground as an editor and mother in the background auto savin the document!
	Flow of control in Java
17	Without threading:
	main() -> func2 -> END
2,	With threading:
	main () END [func ()]

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	The all the al
1 1/	nere ore two ways to create a thread in Java.
17	by extending Ihread class and overriding run method.
27	object of class and an object of Thread, putting object of class in Thread object
	Life Cycle of a Thread and then calling object of Thread to execute the program using obj.start();
	O New (abhi start method run nahi hua hai.)
	J.
	@ Runalla C 11 2 11 0
	2 Rumable (9) Non Runnable (9)
	3 Running
	(5) Terminated
~	. 11
0	New → Instance of thread created which is not yet started by invoking start()
	by invoking start ()
2	Runnable -> After invocation of start () & before it is selected to be run by the scheduler.
	selected to be run by the scheduler.
(3)	Running - After thread scheduler has selected it.
4	Non Runnable -> Thread alive, not eligible to run.
0	Authorities of the contract of
3	Townstall y sound on that I was that
5)	Terminated -> run() method has exitted
	TI 1. 1 1
	The Thread class
	Below are the commonly used Constructors of Thread class:
0	(Mead C)
	Thread (String name) & Thread (Runnable r, String name)
(3)	Thread (Runnabler)

Java	Methods of Thread class Thread class offers a lot of methods such as runc), Start (), join() get Priority(), Set Priority() More can be found on visiting Java docs) ch.
.join	.join() method says that until above thread is not finished don't run the next thread.	
method	The state of the s	
Priorities:	Priorities are mainly of three types 1)min Priority - 1 2)norm Priority - 5	
	3) max Priority - 10 You can set priorities of a thread using obj.setPriority(enter the integer value):	
	(5) Runales (5)	
.sleep method	To stop a thread method for some time you can use Thread.sleep(enter to stop time in method. It is used inside the method.	millis);
.getState	It gives us the state of a thread - from the life cycle of a thread.	
	(3) Terramobil	
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