Ellika Mishra, 33221 bestfriend°

Date \_\_\_\_\_
Page \_\_\_\_ Assignment 3 Title: - Multineading Problem Statement: - Implement multivendinz' for malsix multiplication usinz' peureods. Theory: What is a thread ? A thread is a single sequence stream with a process. What is the difference between process and Threeds are not independent like processes as a sesult threads show with other threads thui code section, data section and OS sesource like open files and sections But, like process, a thread has uto open own program courter (PC), a regissir set and a stack space. Why Mullithreading: Threads are popular ways of inproving signature.....

Ellika White, 3722)

Bestfriend

	Date Page
	application through parallelium
	application through parallelism. Threads operate faster than processes due to
-	- Three of cristing
	- Thread creation is much faster  - Contept switching is faster  - Threads can be terminated caoily  - Communication between threads is  Jester
1	- Threads can be teluivaled cool.
	- Communication between threads is
1	feoter
	PACIN ALL
	POSIX Thread Libraries
	- Based through ADIA
-	- Based threed API for CIC++ - Allows to spenion a new concurrent procused More electrical and the concurrent procused.
	- Most effection on multi-processor or
	multi-cone systems
	- Threeos negum less ourhe and Ham
	because the system does not initialize
	because the system does not initialize
	while system windled memory
	space alw cuvironment for the proc
	Algorithm
	(1) Input matrix 1
	(2) Input mailing 2
	(3) Validate nows and column for
	muliplication to be possible
	(4) Create mon threads
	(5) Call thread function to calculate
	C Signature

Regular

Ellika mishre, 33221 one element of sesultant matrix manimo (2) Join the Hereede (2) Display the scentiant multiplication matrix Conclusion: I have successfully implemented multithreading for matrix multiplication moing for Posix tureadr. Signature .....