

_	10.0	
	444	ASSIGNMENT NO.3
		713016/11127
	(*)	Aim: implement UNIX system calls like PS, fork, join, excc family e wait for process management (use shell script/
	100	family e mait for process management
		Java/c prog) and bill along - () don't
(,	AP)	THEORY: <d. 100="" 20="" abolision="" lane="" td="" to<=""></d.>
7		What is UNIX:
		The UNIX 015 is a set of program that act as a
		18nk pln computer and user. (blow) Diet). his
		the computer program that allocate the system resources
	5 A	& co-ordinate all the detail of computer internals is called
,	99	05 08 kernel
T.	- 4	Statut wat resources with align are see
(_	UNIX system calls:
	9	
	<u> </u>	PS - Report a snapshot of the current processes
)—		Syntax - 1 PS Coption I stay 2 tayon
	ź	solution to board blick of execution
		PS displays information about selection of active processes
	-	if you mant a repetition update of selection & displayed
		information use instead les son strong you
		By default P9 selects all processes with same effective
	8	ip as current user & assessed with same terminal as
		invoke - if display show command args instead of
		pame 2 stil 12 stil Enoting of state value
	Ŷ.	EX:
	rio	To use every process on the system std syntax.
		o ,

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field write a line to std olp. The default join field is the first delimited by white space when file I Or file 2 is read std 1/p. EMPTY - replace missing up field with empty. FIFLD - join on the field of file I 5 FIELD - join on the field of file 2. 4) exec family - The exec family of function replace the current running process with new process it comes under header file unistdib. 1) Exec up - Using this command, the created child program as the parent process doesn't have to run the same program as parent process does. syntax: int exec up (const chare * file, char * const argy (3). i) execy - This is very similar to execup () in term of syntax as well int exect (const char & path char & const ii) exectly herel - These two also serve the some purpose but syntax of them are different .

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	hao -
	syntax; int exelp (const char # file, const char int exelp (char #) NVIL # L) # args / # (char # path const char # arg int (const char # path const char #)
	# (char #) NULL * L);
	5) mait 1) - mait for process to change state.
	symopsis - types. h)
the	at welling 5 900 1 voor is
	pid. t wait (int + states). pid. t wait (prd -t. pid-int * states rint options.);
am	pertiptions - waiting system call suspends execution of current process waiting system call suspends execution of current process
	until one of MS children aims
	The walted!) system call provide move pricèse control over which child state changes to wait state
(*)	CONCUSION!
2	Thus thave studied about UNIX system calls .Ps,
	forte walk rexect join with its syntax.
	and the section of the sections
	the state of the s