Omputu C

DISCOOST KRIMAL RANK TI KREEK IT 1 POST OF ONE Openating Systems 1 hiely Address: binding is the mapping of data to its physical location.

Compile time · Rin time
· load time model is true tout a son of a source of For compile hime address binding it the compiles is regioned to interact with the Operating System Memory Manager to perform compile time address binding lou For it and time address binding: it is adone by the operating For Runtime address bloding, this is done by if dynamic linking. It will be easier to install word implement. These non-volable memories are replaceable Poesn't pequie continuous power puply (Non voluble)

No transfer of dock regimed to different memories.

Cons: Will make the system entremely slow.

Will not allow bystem to load high princity processes in artists. Will be very expensive. - mannen.

VISCOOSI KRUNAL RANK V.R.P. 2. Page Date Page Ans 3. Blocking I/O is an I/O mechanism that hangs the
thread until the input is provided. It is same as synchronous Non blocking. I/o means that if the input is not given immediately, the thread returns an error and doesn't do anything. Abynchronous Ito means that Input is taken on a separate thread a (in background) and the to original thread continues with the process. Ans 4. If two entries in the page table point to the same page frame, which can need not make copies of the data.

If the returning is same, changes made to the original file can be propagated to other pass returnces as well.

This will hence, decrease the amount of time needed to copy the data (since no copying is required, only between ung

Also, updating a laste would result in updating the byte to physical momory as well. This can be a problem if the two data values were needed to be kept isolated.

Arrived and the state of making the short life

MDS201	
e	UIS COOST KRUMAL RANK, KRIN 3 Classmate (CRIN 3 Costs Progs)
	KRUMA ON
	KANK Classante
	CONDATA
	15% No the operating history
	data is signed or med not be
chonors	Asta is signed or unsigned. It can decide fin itself whether the devotor the devotor the decide whether the surface of the state of th
NA.	using the Most of itself whether to II
Maria Maria	data is signed or unsigned. It can decide fin itself whether the data is signed or not have. Also, since OS operates on 2's complement orithmetic, all the signed as well as unsigned arithmetics are handled automatically.
im	signed of will be a 2's completed on 2's completed on 11 11 11 11
int	signed arithmetic all the
) •	the handled automatically
4	
1.	Au 6
al	a) True, because a Preemptive pcheduler requires to stop a process midway at or may need to trigger traps due to faults in code like division by zero, which requires trap signals
	process midway at or may need to trigger trans due to
7	fruits in code like division by zero, which requires trap signals
	and interrupts.
	1 State of States come to Annalisa Antas Estates
data.	The state of the s
	b) True, the Unix shell supports butfur cache that is the "in memory" representation of disk blocks.
nginal	b) True, The Crix men. popular blocks.
ell.	memory" representation of disk blocks.
	The second of th
ho	1) True, it is possible to implement Content Sixitching using The State in TLB Conty if it is a single state.
vencing	O True it is possible to imperent Till only if it is a single state.
3	The by storing the state in interest
	TDB 09 om J
	The state of the s
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	1 6/00/104
in().	a Non False, because to consinue las processandence.
. 110	Non False, because Hon blocking 10 regular affer not thougads and ability to continue in a Blocking device.
era)	An False, because I continue in a process even continue to providing To which isn't possible in a Blocking device.
thu.	Providing
111	
ALXIV.	
1110	
STATE OF THE PARTY	

KEWAL RANK 12 Page Date 124 Page USCOOSI e) True, because it gives maximum throughput and minimum armajor withing hime & har around hime but it is not practically implementable because was we may not know the burst time for every privers. the wrent state pawer the process Ahread and then

The wrent state pawer the process Ahread and then

The which the PL to trop location. The Interrupt then

One when it was chine of course. For 10, the above sequences of operation occurs.

For DMA OS has royale in the transfer of men data. The data from memory is ductly accused by other devices Ans 83 Most operating Systems provide each process its own added This has the following advantages:

Isolation of Program Instructions

No memory leaks.

No Absolutely private and secure data manpulation of the private and secure data manufactured data manufactured

UISCOOST KRUNAL RANK X.R.MK S There are bome disadvantages:

Libraries and modules need to be loaded beparetely.

No access to shared code and data.

No way to share proces's our code data and results in arrage the Savis dences.