p doto > p,

twhit lead op holl

CS CamScanner

· In here first have to find the couberst. o In preemptive called Shortert - remaining - the. first. smit bareagasta

Cpu burst can be predected using exopential averagin formula.

a tobatina time

The set of (1-e) the set of continue

oif there is no recent histor e=1; . if there it will be the Value. o if we don't care Q = 0.

Date	No
@ Round Robin algorithem CRR)	
the old and stateged hard are all and	
o each process gets a small wit	of
cpc time. (time quantem) (10-100 milligeconds).	
o in round robin performance depend on a	
time quantem.	50059
Suffer processes encounted principalities of	
oif que is large ->,fcFg	
oif q is small -> have to do conte	nt Switch
o We want quantem to be larg.	
good for interactive Systems.	
The state of the s	
(a) Priority Scheduling.	3
and the move before the move person	
o based on the polooity Cpu Will a	llocated
and each process given a time, number	
Smallest priority -> highest integer of	and vise
SA CONTRACTOR CONTRACTOR OF THE STATE OF THE	79a,
o GJF is priority Scheduling method.	the same
read Ochedoling	
Starvation - low priority processes may	not execu
Solutione Caging) + increase the priority of the	process.
shoonly loss langed	
if the property of the first	
the catedral not the processes	11.4
22220 coq 24 120 65 45	
	ProMate

6) Multilevel que, and matter and a band of · We can have Separate quer for each priority, prioratization kon do based on process type reservation on a lastrong smith sait sait real time processes priority low 1 System processes priority high laift apolist looge Sters the testino de Interactiva processes to Batch processes Go Multivelev feedbock ques. o here processes con move between boto oques, Hut ugo ge Poing alter as borned o refere 5, 30 to more Box Box Box this methods bu priority ques can be moved to higher priority que. Thread Scheduling. there a 2 types of threods ouser-level threads · kernel-level threads. " if the threads support then threads will be scheduled not the processes. **ProMate** 

Multithreaded Multicore System. through to half weigh processes ( cup) also knowles o each core bas a thread if one thread har not enough space It will switch to another thread. o Chip multi threading Cem7) - assinge each Core multiple threads, below book to leave the Multicos of this system has a level of Scheduling. o Os decides which Software thread to run on cpu. patubatas rorrangitul o each core secrets which hardware to our on physical core. more than a single processor Load balancing ? .... show the work load is distributed among processors, 2 ways to do it o Push migration 5.42 on social a or Pull migration. Processor afinity (992) paisossogithum statement o When thosad ownning on one processor the coche of that processed information of processes stored by that threads. o Load boloncine effect afinity. 2 types of affinity. osoft afinity 5,43 Thard afinity **ProMate** 

Real time Cpu Scheduling.

o have 2 types of real time systems.

o 3oft real time 5,45

ohard real time.

Event latency.

Ocrviced. I types of latencys.

\* Dispatch latency.

Algorithm Evaluation.

· Deterministic modeling.

and test it on each algorithm. Cperformance),

o Queueing model.

estimate the opu burst and arrival time distribution.

6 little's formulo,

any arrivol distribution.

o Simulation.

use this.

o implimentation