

Average wait = (0 + 3 + 6 + 7)/4 = 4

Advantuge

Meminizes average wait time

Disadvantage

- cannot predict processor time

- may stance long jubs (Keep pushing Hen to back of the)

Shortest Remaining Time First SRTF

if new process arrives with shorter Processor time Hem ramaning for current process schedule new process reduces, average want time

$$(9+1+0+2)/4=3$$

3

- practical approach to support time-shoring
- New process for a time slice, then more book to
- precupted at end of time stree
- how to determine time slice?

	-	-	-	
	PI	0	7	
	PZ	Z	4	
	P3	4	1	1
l	P4	5	4	1
	The state of the s	Marine .	Thomas	

Home 3 lice = 3

Pone Pone pone pone Pone prone

P1 P2 P3 P4 P1 P1 P2 P3 P4

P1 P2 P3 P4

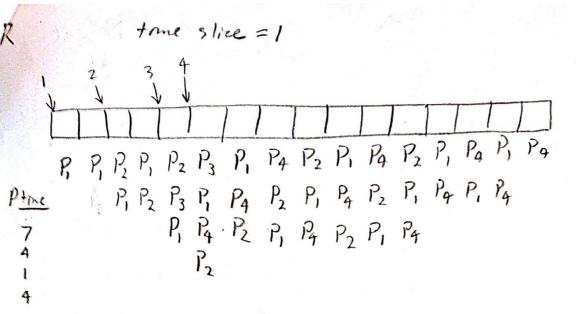
acere 1	PI R	P2 P2 P2 1	?, P ₃	Pa Pa	PA	Pz	P.	Pa
Annual Control of the	$\left \begin{array}{c} ho_2 \end{array} \right $	P ₂ P ₂ P ₂ P ₃ P ₄ P ₄ P ₄ P ₄ P ₄ P ₅	P ₂ P ₄ P ₂ P ₁	P4 P4 P2 P2 P1 P1	Pz Pi	Pi Pa	Pa	

Average wort time

$$(8 + 8 + 5 + 7)/4 = 7$$

Averuse Rooperse time

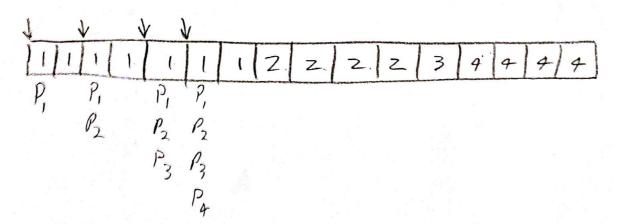
center switches = 7



Av wait time (8 + 6 + 1 + 7)/4 = 5.5Av response time (0 + 0 + 1 + 2)/4 = .75(on up fast!)

If context suitches = 14 ? ? (

PR + Time slice = 10



Av wast (0+5+7+7)/4=4.75 Av ses time = (0+5+7+7)/4=4.75 # Context suitches = 3 (locks like FCFS nevill be same if to 7 Ingest process time)

RR smaller tome slice 0577 BR larger Lome stree Advantages · low response time fair CPU allocation low average wasting time Leause you are a waysing) 1) isadvantures Perference depends on tome stice! -two large FCFS too low too many content surther 15.20 11