| | · FCFS is the simplent scheduling time. |
|-----------|---|
| | · STF is the mostly used in industry. |
| Lecture | |
| BDU | |
| 01/02/1 | SJF - better in production environment than development |
| | eurionment. |
| | - Au new programs, we can't to appry STF. So fort time |
| | we use FCFS and STF afferraidy. |
| | - ve allow shortest CPV burnt time j'ob first. |
| | # |
| | The = orth + (1-d) Th |
| | |
| | The: current history of CPU burnt |
| | In: part history of LPU burst |
| | In : contains most recent information |
| | & : courtain that contrals the relative weight of |
| | recent and part history for the prediction of |
| 48 7.5 17 | CPU burnt. O < of < 1 |
| 1 | 7 |
| *4n+1= | < when x = 0, she recent frediction has no effect |
| That = | w < . When $\alpha = 1$, only the mon- recent CPU burn-nattern |
| | the when x=12, the recent and hast- history of CPU burst equally matter |
| 40+1 0 | burnt equally malter |
| | |
| | |

| 6 | | R |
|-----|------|------------|
| () | Date | - (1) |
| 1 | Page | $=$ \cup |
| 1 | | |
| | | |

| # Preeniptine SJF | | |
|--|---------------|---------------------------------------|
| | / Shortest w | emen'ning time (SRT) |
| Process 1 | fusival dime | Buther time, Line interval 1 |
| P | 0 | Bulest time at time interval 1 |
| L. Po | 1 21 | 1 of P2 to less than |
| IAP P3 | 2 | 01 7 2 |
| t, P2 101 P4 | 2 | 8 4 than all so we content |
| to less to | | So. P2 montely powers |
| P3 F4 P4 | , | continues P. |
| PJ P2 P2 | P2 P2 P4 P4 1 | 04 84 84 81 81 83 |
| [P3 P1 0 1 2 3 | 4 5 6 1 | 8 9 10 19 2 |
| | | 1/ 20 - 811/12 |
| PRND(P1) = | 17-0=17 | (when it finished - when it growed at |
| Frend (P2) = | 5-1 -4 | |
| TPRND (PB) = | 26-12= 2 | 4 |
| (TRND (P4) = | 10-3 = 7 | Aug. PARND = (17+4+24+7)/4 |
| 2 | | =13 |
| Tw (PL) = (1 | 10-1)-0= | 9 (When it got CPU - when it |
| Tw (P2) = (1 | | aured at ready list) |
| Tw(13) = | 1 | |
| In (P4) = | 5-3=2 | Ang The = (9+0+15+2)/4 = 6.5 |
| t, Non-precuptive | Pol 2 for ex | omparision - |
| - Carlotte Control of the Control of | P4 P3 | |
| 52 0 8 | 12 17 26 | |
| 19812 | | |
| [[[] [] [] [] [] [] [] [] [] | = 8-0 = 8 | |
| The second secon | = 12-1=1 | |
| | = 26 - 2 = 5 | |
| (P4) | 1-17-8- | 14 |
| "TRND C" 1) | - 1/- 5 - | 14 Avg TIRNO = (8+11+24+14)/4 |
| | 0-0 = 0 | = 14.25 |
| - 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19 | 8 - 1 = 7 | |
| | 17-9=15 | |
| Plan | - 12 0 0 | A C 1 |
| 'W(141) = | 12-3=9 | Aug. Tw=(0+7+15+9)/4=7.75 |

| | Robin |
|-----------|--|
| # | Robert Round- Signiffun |
| • | - Suitable for time shawing environment. |
| | - FCFS but preemptive schiduling |
| | - The process release the CDV based on time quanta for |
| , | according to its compression. |
| | compressive. |
| | Process CPV buyt Stubertime (Pine quantum=2) |
|) | Tolling Pills a special & A son Real Transport |
| P4 P3 P2 | 1 |
| P4 83 | P3 27 2/ all arrive at once at to |
| L No 11Pg | |
| | |
| PI PA | 13 The base of the second of t |
| 4 | P1 P2 P3 P4 P1 P2 P3 P4 P1 P3 P4 P1 P3 P3 |
| PIP | |
| F | lectue-7 |
| P2P1 | FDW (P1) = Q3 (P1) = Q3 (N-2) + (16-10) + (21-18) |
| 4 | 25102/18 TRAND |
| | $\frac{1}{\text{Tend}} (p_2) = 12 = 6 + 6 + 3$ $\frac{1}{\text{Tend}} (p_3) = 26 = 15 \rightarrow \frac{1}{\text{Tend}} - CPU \text{ but } A$ |
| 700 100 | TARNO (P4) = 21 TW(12) = 2 +(10-4) # |
| PM 18 | - ARNO O DE TOUR STATE - 8 = Grape CPU build |
| 1 PA PA- | Ay. Trens = 20.5 (WB) = 4 + (12-6) + (18-14)+ (23-20) |
| | |
| χ./ · | Ang Tw = 18.5 = 4+6+4+3 = 17 = Typing = OPV busin |
| | TWLP4) = 6+(14-8)+ (20-16) |
| | = 6+6+4 = 16 = FRAT FUBERT |
| | |
| | & If the time quantum is smaller, contept-switching overhea |
| | incleare. |
| | of the time quantum is larger, it becomes from FCFS |
| | both cases doesn't improve turn around time offinally. |
| | |
| | |
| | |
| 11. | |
| | Scanned by CamScanne |