| a/ Let's say P represents our optimal data |
|--|
| amount processed. We can split this into subproblems |
| where we just look at individual days. We |
| will dellare variables below. |
| P- optimal data processed (MB) |
| r - days since last reboot (day) |
| i - day (day) |
| S - data to be processed (MB) |
| |
| x - data processing capacity (MB) n - number of days (day) = 4 |
| Let us formulate fore model. There are two |
| cases to look ati |
| . ` ` ` |
| 1) System rebooted yesterday. No data was processed |
| yesterday. We can take the maximum amount |
| today. Add data from two days ago. |
| 2) System not rebooted yesterday. Add the data |
| processed yesterday and process the maximum |
| capacity to day. |
| Thus, we get the recurrence: 12 days ago |
| $P(i) = max(P(i-1) + min(x_i, s_r), P(i-2) + min(x_i, s_o)$ |
| Not rebooted Rebooted |
| data Game unda dans |

| 6/ | schedure. cpp |
|----|----------------------------------|
| c/ | schedule_1.cpp schedule_2.cpp |
| a/ | schedule_2pp |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |