Labs: In42   TP N°: 02

Objectives   Programming RM/DM/EDF and LFF using C/C++

Exercise 1:

Program the algorithm Rate Monotonic using C or C++ programming.
First, you need to ask the user how many tasks are needed to be scheduled;
Then, you ask the user the arrival time, the period, the deadline and the capacity of each task;
Compute if the tasks can be scheduled;
Finally, if the tasks can be scheduled :
- Compute the cycle of scheduling;
- Display the obtained schedule for the cycle.

Exercise 2:
Same questions like Exercise 1 for DM, EDF then LFF.

Remarks:
This TP will be marked:
- 5 points for the autonomy;
- 5 points for the rank (ex. you're the first and everything is correct you will get the total mark);
- 10 points for the contents and the code optimality (in term of code lines).

Good Luck;