Simulation project
Task 1 – Hand simulation

Deliverables for task 1:

Do the hand simulation of the recertification process described in section 3.2.2 until MC=100. Submit your results in a table similar to the one given in table 3.2. Make sure you submit a correct hand simulation, because this will be the basis of your remaining simulation tasks.

An overview of the simulation project

For pedagogical purposes, the simulation project is broken in the following three tasks:
1. *Task 1 - Hand simulation:* The objective is to make sure that you understand the events, the clocks, and how the simulation advances from one event to another.
2. *Task 2 - Code basic simulation:* The objective of this task is to write the basic code and to make sure that it works correctly by carefully checking the output.
3. *Task 3 - Statistical estimation*: The objective is to embellish your simulation with additional code so that to estimate statistically (with confidence intervals) the desired performance metrics.

Grading of the simulation project.

Each task will be graded from 0 to 100 and then the grades will be weighted as follows:
* 10% for task 1
* 40% for task 2
* 50% for task 3