Instructions TP

The company ibriquet wishes to analyze its user behaviour. The lighter has 7 different modes:
Observation week, cheated, friend, ontime, skipped, snoozed and auto skipped

Task		SubTasks
User stats	**Number of consumed cigarettes Statistics**	- **Total number of cigarettes (all modes), total per mode (mode observation 100 times, mode skipped x times, mode cheat y times, etc.)** - **Mean and standard deviation of the number of consumed cigarettes per weekday (Mondays, Tuesdays,...) with the corresponding plot** - **Plot of the number of consumed cigarettes for the last seven days** -**Statistics on modes** - **Percentage of improvement per week for week 1 and week 2** **% of improvement week 1= difference in % of the number of smoked cigarettes (friend mode not included) in week 1, and the number of cigarettes smoked in the observation period mode** **example:** - **observation week 20 cigarettes** - **week 1 15 cigarettes** **% of improvement = (20-15)/20 = 25%**
	Smoking pattern	**Plot of the mean smoking pattern per weekday**
	Smoking density per week	**Finding the week period with the most and least smoking density (for example, Wednesday between 12 and 17h59)**
General all-user Stats	**Smoking intervals**	**Users classified number of smoking cigarettes intervals, by smoking history time (smokers tend to smoke the most in what time interval, to use the cheat mode in what time interval, etc.)**

Use the time intervals: 6 to 11h59, 12 to 17h59, 18h to 23h59 and 00h to 5h59
At the end of this phase, a document presenting the results of the above analysis
should be delivered + R code. **Deadline: Monday 13 evening**