

# [Homework] Hidden Markov Model (HMM)

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## Due:

- **Group 2:** Before Wednesday October 27th 2021 08h30
- **Group 1:** Before Wednesday October 27th 2021 14h

**Evaluation:** Submit your actual code (no image capture) and explanation about the code (in groups of two or three people) to the course website on campus.ece.fr

## **Remark:**

- Only groups of two or three people accepted (preferably three).
  - No late homework will be accepted. See the details in the Syllabus file.
  - No plagiarism. If plagiarism happens, both the “lender” and the “borrower” will have a zero.
  - Code yourself from scratch. No lab/homework will be considered if any ML library is used.
  - Do thoroughly all the demanded tasks.
  - Study the theory for the questions.
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## 1 Tasks

1. You need to submit also what you are expected to have done during the Lab session:
  - a. Implement yourself the HMM algorithm to solve the evaluation problem for the **Example** given in class.
  - b. Compare your results to those that were given in this example.
2. Implement yourself the HMM algorithm to solve the decoding problem for the **Example** given in class.
3. Compare your results to those that were given in this example.

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