TME3. Searching a factor

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The main goal of the TME is very short:

- Implement the computation of table "CarryOver" from a Factor of a word given as input, according to the precomputation part of KMP algorithm (that we have seen during the lecture).

- Implement the Factor matching part, using "CarryOver".

Your implementation must be confronted to a concrete example. One suggestion is

- RegEx: `"Chihuahua"`.

- Input text: Pony Tracks.

- Other interesting RegEx to test in the comparison between KMP and Boyer-Moore algorithms: `"Pizzi"`, `"Pepperoni"`, `"Pizza"`, `"Poppers"`.

WARNING: you must form the project teams and start project 1, whose deadline of completion is 09/10/2022. The integration of the KMP algorithm is optional in the return code of project 1. Only the TME1 implementation is mandatory for project 1. It is particularly mandatory that you complete Exercise 2 of TME1 for project 1 assessment.