Maman 12 Code Solutions Spec and Verification

- This code project provides the class spec for question one and all of the bonus code questions alike. The spec is located at `submission_specs/SubmissionSpec12`, and you should make sure that your solution/s inherit and implement this class. An example of inheriting the class is present in file `solution12.py`

- It provides for you a way to **run and therefore verify your submission** before submitting it, the same way as it will be run for automated grading.

- And it bypasses the need for you to fetch, filter and parse the input corpus, by delivering input data directly to your API endpoints.

Usage

From an anaconda terminal or terminal where your python environment and this code project are available, run:

```
python go.py
```

Note that a progress bar is shown as you run this. If you are running the

project inside of an IDE, you may need to remove the call to `tqdm` in the supplied code, to avoid the progress bar and IDE crashing each other.

Replace the supplied content of `solution12.py` with your own solution, which should implement a class named `Submission`, inheriting and implementing the spec class `SubmissionSpec12`.

How to Submit your Code

- Just like in this code project as supplied, your solution code should be a class named `Submission` and it will be read and invoked from file `solution12.py`. If you include additional python files or classes in your solution, that is perfectly fine as long as the entry point is as just defined and follows the spec.

- See the accompanying document for the overall zip structure where you will simply *embed* your code solution without additional requirements to those above.

- For any of the code bonus questions, use the same spec (with empty methods for `_estimate_emission_probabilites` and `_estimate_transition_probabilites` which are not needed in the case of an MEMM). Each question will be submitted as a separate code project fulfilling this spec in full, just in a separate path in the zip file envelope.