1. Design a simple REST API server that implements a single ’sentence-similarity’ request with the following requirements:
   1. Runs locally (localhost) on a specified port (e.g. [http://localhost:3000](http://localhost:3000/)
   2. The ’sentence-similarity’ function should:
      1. Accept two inputs:
         1. A single query sentence (String)
         2. A list of sentences for comparison (Array of Strings)
      2. Provide a single output:
         1. A list of results (Array of Objects), one for each of the sentences provided for comparison that includes:
            1. The sentence for comparison
2. A sentence similarity score (computed between query sentence and comparison sentence)
   1. Provide a short design description for the REST API server (< 1 page) that includes:
      1. Which language, dependencies would you use? (e.g. Python, Flask, SBERT or Javascript, Express.js, TensorFlow)
      2. Describe the ’sentence-similarity’ API specification (e.g. request and reply structure, error codes)
      3. Describe the core sentence similarity function used to compute the scores, including how the scores should be interpreted
      4. Any other useful instructions, notes, limitations for fellow developers or QA teammates
3. Implement the REST API server as designed
   1. Include code comments that describe any assumptions made, incomplete code or areas for future improvement
   2. Zip up the source code (without any dependencies) along with the design description from Step 2 for submission by email