Write your own web server module, that allows you to:

* Setup a simple webserver with very few lines of code.
  + It should listen on a default port, but allow for a specific port to be specified.
* Set handlers for specific routes (only GET requests for now), so that you can return information about Courses on the Teachers/Students application you’ve been developing.
* The list of courses should also return the list of students and teachers for each course.
* Also provide a single point of entry on the root endpoint (localhost:7000/ ) that returns the required information for the client to navigate to the other two endpoints.
* Return the correct Status Codes for each case, also take into account 404 errors.
* Use the HAL specification to give format to the response (check on npmjs.org for hal modules, there are several to choose from).

Extra points:

* How would you modify the app to allow the client to specify the sub-entities (for example, the students for a course) to include on the response to a GET request? Implement it.