

University List

In this exercise, you must create a WEB application that displays various information about different universities accessed through a REST API. You can review the documentation at the following address: <http://universities.hipolabs.com/search?country=United+States>

Here, you will select the desired country by changing it in the field: “**search?country=choose country**”.

1) The application will have a “Display Information” button to show all universities in a selected country. Each student is free to choose their desired country.	0,5p
2) When the button above is pressed, a 3-second loading animation will appear.	0,5p
3) After completing the previous step, universities will be displayed in table form as follows: Column Name = Attribute Table Content = Attribute Value Example: {"state-province": null, "web_pages": ["http://www.anefs-edu.ro/"], "name": "National Academy for Physical Education and Sports Bucharest", "domains": ["anefs-edu.ro"], "alpha_two_code": "RO", "country": "Romania"} Attributes: state-province, web_pages, name, domains, alpha_two_code, country Values: null, link, university name, university domain, country code, country Guidance + tips: https://www.geeksforgeeks.org/how-to-convert-json-data-to-a-html-table-using-javascript-jquery/ Afișare sub formă de listă	1,5p OR 1p
4) The user can choose the number of universities to display, using: https://edtechbooks.org/api.php?action=search_books&offset=0&limit=„number” The number value should be between 1-50, or else an error message will appear.	1p
5) The user will be able to filter the list of universities by a specific attribute. A “Filter” button and a text box where the attribute name is entered will be implemented. Only the following terms are allowed: state-province, web_pages, name, domains, alpha_two_code, country; otherwise, an error message will appear. Interface for this step: <ul style="list-style-type: none"> The “Filter” button is located in the upper-left corner of the screen and includes an icon (include the Font Awesome library for icons in text format: http://fontawesome.io/) The text box is to the left of the filter button 	4p

<ul style="list-style-type: none"> • After pressing the button, a 2-second loading animation will appear • Results will appear in a list within a pop-up window <p>Scoring for this step includes partial credits:</p> <ul style="list-style-type: none"> • Missing animation = -0,25p • Displaying without pop-up component (simple list on the main screen): -0,5p 	
6) Using a background image on the main page featuring an existing university from the displayed list	0,5p
7) User-friendly and easy-to-use interface	2p