

## Problem 4 – SoftUni Students

Write a PHP script that takes as input a list of **SoftUni students** with their exam results, **sorts** them by certain criteria and displays the result as **HTML table**. The students come as comma separated list, holding **username**, **email**, **type** and **result**. **Username** is text, **email** is email address, **type** is "onsite" or "online" and **result** is an integer number. Each line in the input holds a student. Students automatically get a column named "Id" which holds the line number (1, 2, 3, etc.). When we sort by certain column and we have equal values, we use the column "Id" as second sort criteria. We should be able to sort in ascending and descending order.

### Input

The input will be read from an **HTTP GET request** holding parameters named **students**, **column** and **order**, holding the students to sort, the sorting column and the sorting order. Students stay each at a separate line in comma separated format. The **column** holds one of the values: "id", "username" or "result". The **order** holds either "ascending" or "descending". The input will be correct. See the example below.

### Output

The output is an **HTML table** holding the input students, sorted by the given criteria. Follow the examples below. Encode in the output table cells all HTML special characters like **&**, **<**, **>** and **"** (use **htmlspecialchars()** function).

### Constraints

- The **students** is a text area holding the input students, each at a separate line. Each student line holds 4 comma separated values: username, email, type and result.
  - The **username**, **email** and **type** hold ASCII text (without comma inside).
  - The **result** holds an integer number in range [0...1000].
- The **column** holds one of the values: "id", "username" or "result".
- The **order** holds one of the values: "ascending" or "descending".
- Allowed working time: 0.2 seconds. Allowed memory: 16 MB.

### Example

Input																																						
students	Pesho, pesho.g@gmail.com, onsite, 400 Mariika, mariika@gmail.com, online, 350 Geri, geri@gmail.com, online, 50 Pesho, peshkata@gmail.com, onsite, 0 Gosho & Kiro, gosho@gmail.com, onsite, 400 Mincho, praznikov@vremeto.bg, online, 50	column	result																																			
		order	descending																																			
Output		Output (Visualized)																																				
<table><thead><tr><th>Id</th><th>Username</th><th>Email</th><th>Type</th><th>Result</th></tr></thead><tbody><tr><td>5</td><td>Gosho &amp; Kiro</td><td>gosho@gmail.com</td><td>onsite</td><td>400</td></tr><tr><td>1</td><td>Pesho</td><td>pesho.g@gmail.com</td><td>onsite</td><td>400</td></tr><tr><td>2</td><td>Mariika</td><td>mariika@gmail.com</td><td>online</td><td>350</td></tr><tr><td>6</td><td>Mincho</td><td>praznikov@vremeto.bg</td><td>online</td><td>50</td></tr><tr><td>3</td><td>Geri</td><td>geri@gmail.com</td><td>online</td><td>50</td></tr><tr><td>4</td><td>Pesho</td><td>peshkata@gmail.com</td><td>onsite</td><td>0</td></tr></tbody></table>		Id	Username	Email	Type	Result	5	Gosho & Kiro	gosho@gmail.com	onsite	400	1	Pesho	pesho.g@gmail.com	onsite	400	2	Mariika	mariika@gmail.com	online	350	6	Mincho	praznikov@vremeto.bg	online	50	3	Geri	geri@gmail.com	online	50	4	Pesho	peshkata@gmail.com	onsite	0		
Id	Username	Email	Type	Result																																		
5	Gosho & Kiro	gosho@gmail.com	onsite	400																																		
1	Pesho	pesho.g@gmail.com	onsite	400																																		
2	Mariika	mariika@gmail.com	online	350																																		
6	Mincho	praznikov@vremeto.bg	online	50																																		
3	Geri	geri@gmail.com	online	50																																		
4	Pesho	peshkata@gmail.com	onsite	0																																		