

Week 9 HW: HTML Table Design

Published Assign To Edit

HTML Table Design

Create a table with the following features as demonstrated in the video below: every third row has a unique background color, other rows alternate between white and light gray, the header row is sticky, and on hover, the entire row smoothly changes its background color to light blue. Additionally, apply a bold font style to the third column of each row. Also notice that the table and the data is centered and the column width corresponds to the data.

Apply it to a table containing ID, Name, and Hobby. Use sample data you have cooked up to verify your solution. Be sure to have more than 10 entries to simplify testing scrolling.

You have the option to use LLMS to help you solve this problem at your discretion. Be sure you understand everything you submit and document sources.

Submission should include a single html file with

- name
- date
- description of the file
- documentation and honor code at the top.
- **description of your process and any resources you used and how**

You should do these using the description in the [Assignment Formatting Guidelines](https://canvas.vt.edu/courses/204793/pages/assignment-formatting-guidelines) (<https://canvas.vt.edu/courses/204793/pages/assignment-formatting-guidelines>) as usual, and also include comments within the code to indicate what came from an LLM and what you figured out on your own.

Points of clarification (added 3/28) - the scrolling action should occur on the webpage, it's not that the table itself is scrollable. Also the blue highlight should not occur on the table header row.

0:00/0:16



Points 100

Submitting a file upload

File Types html

Due	For	Available from	Until
Mar 28	CS_2104_13316_202501	-	Mar 29 at 11:59pm
Mar 28	CS_2104_13317_202501	-	Mar 29 at 11:59pm
Mar 28	CS_2104_13318_202501	-	Mar 29 at 11:59pm
Mar 28	CS_2104_13319_202501	-	Mar 29 at 11:59pm

HTML assignment

You've already rated students with this rubric. Any major changes could affect their assessment results.

Criteria	Ratings						Pts
Documentation html file should include name date description of the file description of resources used honor code	20 pts Full Marks	16 pts 4/5 items	12 pts 3/5 items	8 pts 2/5 items	4 pts 1/5 items	0 pts No Marks	20 pts

header row colors	10 pts Full Marks	0 pts No Marks	10 pts
row colors white, grey, other on rotation	10 pts Full Marks	0 pts No Marks	10 pts
row color change to blue on hover	10 pts Full Marks	0 pts No Marks	10 pts
header sticky when scrolling through data the header stays in view	10 pts Full Marks	0 pts No Marks	10 pts
third column in bold	10 pts Full Marks	0 pts No Marks	10 pts
data is centered	10 pts Full Marks	0 pts No Marks	10 pts
column widths ID column is smaller	10 pts Full Marks	0 pts No Marks	10 pts
table is centered	10 pts Full Marks	0 pts No Marks	10 pts
			Total Points: 100