

HTML/CSS 07 - Tables- Practice Problems

This problem set requires knowledge of the `table`, `tr`, `th`, and `td` tags, the `rowspan` and `colspan` attributes and the `border-collapse` CSS property.

When saving a problem, use the level(l) and problem(p) numbers. For example, the first problem in level 2 of this problem set would be named: `l2p1.html`.

Level 1

1. Write a web page with a table that lists each of your family members in one column and their birthdays in the other. Put them in order from the beginning of the year.
2. Write a web page with a table that lists the top five colleges you would like to attend. In the first column, list the college, in the second column, list the web site of the college. The table should have headers on it that specify the contents of each column. ~~The first row of the table should say College List and should span both columns.~~

Level 2

1. Write a web page with a table that represents your class schedule. Be sure to put the block/time, Course Name, Instructor Name and room number, each in their own column.
2. Write a web page with a table that lists five of your friends and their contact information. The first column should be the friend's name. The second column should be their phone number. The third column should be their email address (functioning as an email link). Each column should have a header that specifies the content.
3. Write a web page with a table that lists the activities that you are/have been involved in. Write the activity name in one column and the years you participated in the second. Use classes to alternate the background color of each row, making the table more readable.
4. Write a web page with the table below in it. Both the top row and the left column should be written as table headers.

ROW	FIRST NAME	LAST NAME	AGE
#1	Bob	McBob	42
#2	John	Johnson	24
#3	Steve	Smith	38

Level 3

1. Create a table (like that at right) that shows the top ten high scores and player names for a video game. Make the alternating rows appear differently for readability. Look up the `nth-child` pseudoclass to help style the alternating rows.

Rank	Brand	Score
1	BBC iPlayer	30.1
2	Amazon	27.2
3	Marks & Spencer	24.5
4	John Lewis	24.4
5	MoneySavingExpert.com	22.4
6	Apple	22.4
7	Sainsbury's	19.6
8	Cathedral City	18.2
9	Samsung	17.9
10	Google	17.1

2. Write a web page that generates the following table. For bonus: give the odd rows a background color

of #DDDDDD.

Year Assessed	Native Language Group	
	English	Spanish
2001	6.1 (23)	15.6 (20)
2002	8.8 (23)	18.7 (21)
2003	11.4 (22)	19.6 (21)
2004	18.3 (22)	20.9 (22)
2005	20.2 (21)	21.7 (22)
2006	21.1 (21)	23.4 (22)

Level 4 (extra credit)

1. Write the code to generate the table below:

Purpose	Active Ingredients	Possible Prescription Drug Interactions
"First Generation" Antihistamines		
To treat "hay fever" symptoms (sneezing, runny nose, itchy, watery eyes, itchy throat)	Brompheniramine maleate	Tranquilizers and sedatives
	Chlorpheniramine maleate	Tranquilizers and sedatives
	Clemastine fumarate	Tranquilizers and sedatives
	Diphenhydramine hydrochloride	Tranquilizers and sedatives
	Cromolyn sodium (nasal spray)	None
To treat watery, red, itchy eyes	Naphazoline and Pheniramine maleate (eye drops)	None
	Ketotifen fumarate (eye drops)	None
"Second Generation" Antihistamines		
To treat itchy nose, sneezing, watery eyes	Loratadine	None
	Cetirizine	Tranquilizers and sedatives
Decongestants		
To reduce nasal congestion	Phenylephrine hydrochloride	MAO inhibitors (certain medicines used to treat depression, psychiatric or emotional conditions, or Parkinson's disease).
	Pseudoephedrine hydrochloride	MAO inhibitors (certain medicines used to treat depression, psychiatric or emotional conditions, or Parkinson's disease).
	Neo-synephrine (nasal spray)	None
	Oxymetazoline (nasal spray)	None