A 2

Due   Sep 13 by 4pm   **Points**   100   **Submitting**   a file upload   **File Types**   ipynb and pdf

Available   Sep 6 at 12am - Sep 13 at 4pm 8 days

This assignment was locked Sep 13 at 4pm.

This problem set covers functions: get in the habit of writing functions to capture a unit of work. Your motto should be DRY - Don't Repeat Yourself! Rather than write the same code over and over, abstract what the code must have in common, and write a function to do the work!

Please download the assignment notebook, fill in your work, run our test cases, and submit your notebook and a pdf showing the results of the Unit Tests when you are done.

Homework2.pdf ↓ **(https://canvas.harvard.edu/courses/95534/files/12994000/download?download_frd=1)**

Homework2 Notebook ↓ **(https://canvas.harvard.edu/courses/95534/files/12998811/download?download_frd=1)**

Rubric for Assignment 2

Criteria	Ratings		Pts
1) Make Tags Using the tag and the body, return a string holding a valid HTML expression.	**25 pts** **Full Marks**	**0 pts** **No Marks**	25 pts
2) Sleep In Take Boolean variables for weekday and for vacation, and decide if I can sleep in.	**20 pts** **Full Marks**	**0 pts** **No Marks**	20 pts
3) Justify Take an input string, and return a 70-character string with the input on the right.	**25 pts** **Full Marks**	**0 pts** **No Marks**	25 pts
4A) Boxed In Prints a 2x2 grid. Avoids excess duplication - DRY!	**10 pts** **Full Marks**	**0 pts** **No Marks**	10 pts
4B) Boxed in! Prints a 4x4 grid. Avoids excess duplication - DRY!	**10 pts** **Full Marks**	**0 pts** **No Marks**	10 pts
4C) Uses same code to print 2x2 and 4x4 Can you handle arbitrary size?	**5 pts** **Full Marks**	**0 pts** **No Marks**	5 pts
5) Can you find shortest path? Eliminate extraneous /./ and /../ in path	**5 pts** **Full Marks**	**0 pts** **No Marks**	5 pts

Criteria	Ratings			Pts
Code Quality Is the code clear? Does it use good variable names?	**0 pts** **Full Marks** Graders may deduct for unclear code	**0 pts** **No Marks**		0 pts

Total Points: 100