

JMS 302: Hacking the Media

Problem Set for Week 9

1. Runs scored

This is simple, contrived warm up. Around the turn of the millennium, Sammy Sosa and Albert Pujols dominated the National League in runs scored. Here are their runs scored over 5-year periods around that epoch: Sammy Sosa (1998-2002): 134, 114, 106, 146, 122; Albert Pujols (2001-2005): 112, 118, 137, 133, 129.

Write a program that figures out who had the most runs scored and by how much. Create a method called `get_runs` that has a `player` parameter.

2. Random restaurant generator, v1

Generate a random restaurant generator that reads a list of restaurants from a file, asks a user if she would like to add to the list (and if so, updates the file), and then randomly picks a restaurant and tells the user to eat at that restaurant.

3. Mercer Football table

Create table of Mercer Football results with column headers of Date, Opponent and Result and a row header of Game Number. With CSS, give the rows for the home games an orange background.

	Date	Opponent	Result
1	Aug 28	Reinhardt	W, 45-42
2	Sept 6	Furman	L, 25-20
3	Sept 13	at Stetson	W, 49-0
4	Sept 20	Ave Maria	W, 42-21
5	Sept 27	at VMI	W, 27-24
6	Oct 4	at Samford	L, 21-18
7	Oct 11	Austin Peay	W, 49-21

4. CSS boxes & layout

For this exercise, using CSS create 10 distinctly different boxes. Experiment with borders, padding, margins, sizes and contents. Use colors for different borders, background images, or font styles. Try experimenting with size and overflow. Your finished HTML document should have 10 different boxes and a style sheet with 10 classes.