PHP-MySQL Take Home Mid-Term

Due on 11:59pm Feb 21, 2018, by e-mail to florin@cmu.edu

Your Name: ……………………………………………

Coding Team (team of up to 4 members sharing work on the code):

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Problem to solve (responses should be individual and original):
Modify the code presented in the tutorials such that the items in each menu are dynamically ordered by decreasing popularity.
Hint: the problem is ambiguous, please present below the interpretation implemented by your code.

Deliverables (assume that instructor has a LAMP stack ready):
1. This document containing a short explanation of your work (max 2 pages).
2. Archive of the code with short instructions how to extract the data from the command line.
3. Dump of the database with short instructions about how to recover it from the command line.

Explanation of work
1. Precise mathematical formulation of the problem (How do you measure popularity? How often you measure it? How do you link it to the code?)

2. What modules should be changed, and what functionality should be altered in each of these modules? (for each modified module: list function of the module, name of the file containing the code, and functionality provided by the change)
3. Advantages and disadvantages of your interpretation (why did you pick this interpretation over others allowed by the high level problem description?)

4. Instructions (assume command line): How to extract the code from the archive? How to recover the database? What permissions are needed for the code files to be available to the webserver?