CALIFORNIA STATE UNIVERSITY, SAN BERNARDINO

School of Computer Science
And Engineering

# CSE 455

# {AlgorithmA }; 2011



# How to Add an Algorithm to AlgorithmA

CSE 455, Inc.

**CEO: Dr. Concepcion**

Project Manager: Anthony Thomas

Assistant Manager: Erwin Soekianto

Team Leads: Matthew Compean and Patrick Ridge

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# 1      Choose an Algorithm

Existing algorithms can be found in the "algo/js/algorithm" directory. To create a new algorithm, code can be recycled or referenced from existing algorithms.

# 2      Copy the Code

Make sure to make a copy of the selected algorithm code before attempting to edit the algorithm to create new code.

# 3      Read the Documentation

The existing algorithms contain comments which give hints on how blocks of code function. Read these comments carefully before editing the code.

# 4      JS, PHP, and CSS

Edit the JS, PHP, and CSS files, use the provided templates, so that they are compatible and can be shown on the website. This can be done by creating a new CSS file for your algorithm (they can be found in the "css/algorithm" directory). Then a case must be added to the "header.php" file, found in the main directory, which gives the name of your algorithm and is linked to the proper JS and CSS files for your algorithm.

# 5      Keep a Backup

Save a copy of the new algorithm to a flash drive or local machine to prevent loss of hard work due to server issues.

# 6      SVN Commit

To add the algorithm to the SVN repository the "svn commit -m '*yourfilehere*'" command can be used if editing an existing file. If the file does not exist in the repository yet, the "svn add *path/yourfilehere*" command must be used first followed by an SVN commit.

Have fun AlgorithmA 2012!