CS 311 HW Assignment 6 (Due by 9am on March 27th)

1. **[30 points] Implement a Binary Search Tree (BST) class. Complete bst.h, bst.cpp, and client.cpp.**

Submission

SUBMIT THESE 3 FILES IN **A ZIP FILE** TO COUGAR COURSES:

Always make sure the files you submit can be compiled on empress.csusm.edu.

- bst.h -- class declaration (header file)
- bst.cpp -- class definition (source file)
- client.cpp -- application (main file)

Note: Compress all the above files in a zip file, name it with your name, and submit the zip file on Cougar Course. For example, my first name is Xin and my last name is Ye, then I will name the zip file as XinYe.zip.

Grading

1. On Cougar Course, submit all the files in a zip file with your name. Otherwise, we will not grade it.
2. Your code should be compiled on Cougar Course. If there is a compilation error, you will get 0 points.
3. If your code fails in 1 test case, we will deduct 10% of the total points.
4. If your code fails in 2 test cases, we will deduct 20% of the total points.
5. If your code fails in 3 test cases, we will deduct 40% of the total points.
6. If your code fails in more than 3 test cases, we will deduct 90% of the total points.
7. The comments in your code count for 10% of the total points.
8. Additionally, we will deduct 10% of the total points for each day after the due date.