**BST Lab- due 12/18 via email**

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**Content**

* Write a C++ program to validate computer user-ids and passwords.  A list of valid ids and passwords (unsorted) is read from a file and stored in a Binary Search Tree (BST) of UserInfo objects.  When  user-ids and passwords are entered during execution, this BST is searched to determine whether they are legal.  
    
     Input (file): UserInfo records for valid users  
     Input (keyboard): Ids and passwords of users logging in  
     Output (screen):  Messages indicating whether user-ids and passwords are valid, as well as an alphabetical listing of all valid ids and passwords at the end of the run.

Note: you will need to overload >>, <<, ==, and < operators in the UserInfo class in order to accomplish this task.

**BST.h** class is on Blackboard.  