**Module 2 Sample Engagement (test)**

Make sure you run the auto-grader script often to check your progress. The script is under the group assignment: Group – Module 2 Test Prep

**BACKGROUND:**

You work at Peoples Community Council (PCC) and they want you to create users and a group for each of the main areas.

**DIRECTIONS:**

1. Create a group called **pcc.**
2. Create these users: **china, japan, thailand, hongkong, asia**. Assign them to the group **pcc**.
3. Set the umask to 037 for each of the users which will be assigned when they log in (this should be for all other users as well). This means that you need to set the umask so that when they log in, they automatically have those permissions.
4. Create ssh keys for the user **asia** because they seem not able to do it themselves. Once you have created the keys, test them by logging into the localhost system
5. Create a shared directory for the users called **/home/shared** and create a symbolic link called **share** in each user’s home directory to the /home/shared. For example, the user **china’**s home directory will have a symbolic link named **share** that points to the **/home/shared** directory.
6. Set the sticky bit on the shared directory and set the other permissions so that the **pcc** group can read/write (and execute) and no one else can.
7. Create a script called **count.sh** in the shared folder that everyone can execute. The script must count from 1 to 100.
8. Tar up /home/shared (needs to be done as root). Upload your tar file to canvas.

To do this, you should be root and the command is tar -cvzf <filename> /home/\*

THIS MUST BE A VALID TAR FILE.