Assignment 2
CIS356 – Spring 2018
Point Value: 100 points
Assignment Due Date: In class Thursday, Feb 8, 2018

Submission Instruction

Please demonstrate your assignment 2 to your instructor before or after the class on the due date and submit your bash script hw2_lastname_firstname.sh on Schoology.

Description

Please write a bash script to do the following tasks:

1. Please create 10 files under your home directory /home/ubuntu/. These files should be named test1.txt, test2.txt, …, test10.txt **(20 points)**

2. Create a directory named "TestBackup" under /home/ubuntu/, and copy the newly created 10 files into the "TestBackup" and then change the extension of the 10 files to pdf. So after this command, you should see 10 files whose names are test1.pdf, test2.pdf, …, test10.pdf **(40 points)**

3. Please print the names of the running processes related to socket to the terminal. *Hint*: use the "ps –ef" command to display all of the running processes and then use "grep socket" to search processes related to socket. **(40 points)**

Note: You need to write only one bash script to do all of those jobs!