LINUX Additional Usecases:

1. Goto /home/hduser directory and Create 2 files namely cust1.txt and cust2.txt with the first 10 lines copied from /home/hduser/hive/data/custs and last 10 lines copied from /home/hduser/hive/data/custs.

2. Create a file namely samplefile.txt using vi editor

      a. Type/copy 10 lines of some content

      b. Goto line 5 and remove line 5 to 7 using command.

      c. Goto last line and copy last line to first line and delete the last line manually.

      d. Find for a particular word inside the file

      e. Undo the last action you did

      f. Save and quit the file

      g. Open the file again, Delete 2 words in the last line and quit without saving

3. Merge the cust1.txt and cust2.txt in the name of custmerged.txt with cust2.txt contents first and cust1.txt content next

4. Count the number of lines in custmerged.txt and add the count in the last line of the custmerged.txt using command without using vi editor

5. Add a header as custno,firstname,lastname,age,profession in the first line of the custmerged.txt using command without using vi editor

  (Hint: Think of using tempfiles, first create a temp file with header, then add data, then move tempfile to final filename)

6. Find for the number of occurances of the word Pilot

7. Find for Pilot and replace with Aircraft Pilot in the custmerged.txt (use the commmand sed -i 's/Pilot/Aircraft Pilot/g' custmerged.txt)

8. Count the number of words and lines in the custmerged.txt

9. List and display only the last file created. List and display only the last but one file created in the current folder.

10. Copy the custmerged.txt in the name of custmeredcopied.txt retaining the timestamp of the original file in the copied file.

11. Goto /tmp directory, staying in /tmp , create directories inside /home/hduser path as src/custdata using placeholder ~ , then goto /home/hduser/src/custdata,

   then goto /home path using absolute path method, come back to /home/hduser/src/custdata using the respective placeholder, go to 2 levels higher using the

      respective placeholder

12. Copy the custmerged.txt inside the /home/hduser/src/custdata and rename the directory custdata as customerdata

13. Move & rename the /home/hduser/src/customerdata into the directory /tmp/custdata/process

14. Create a zerobyte file namely success inside /tmp/custdata/process

15. Create a dir called /tmp/custdata/archive

16. compress using gzip compression the /tmp/custdata/process/custmerged.txt file and move into /tmp/custdata/archive

16. Remove the /tmp/custdata/process directory.

17. Create a user in your name, set password as hduser, switch user to the user created, create a file inside /tmp directory in your name logged in your name.

18. Remove write access for user using octal number and naming methods using chmod, try writing the file using vi editor

19. Repeat the step 18 for other user also, you can use hduser as others here.

20. Create a local variable called welcomemessage="Welcome aspirants", convert it into environmental variable, check whether it is added in the env variable.

21. Add the env variable into .bashrc profile and ensure the env variable is set every time.