#!/bin/bash

# alert

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# Midterm Test 1

# CCPS 393 Section 3J0

# Instructor: L. Hiraki

# Purpose to check a CSV data file for usage greater than input

# I certify that my program and code are my own work.

touch temp

read input

for line in $(cat usagecsv)

do

if [[ $(echo "${line}" | cut -f3 -d,) -gt $input ]]

then

echo ${line} >> temp

echo ${line}

fi

done

if [ ! -s temp ]

then

echo "There are no customers with usage greater than $input"

fi

rm temp

##end of code##

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mtdavid@europa:~$ ./alert

1

billh,108,26,P46

tomchang,18,54,JQ63

mohammedb,86,36,MM6

patel63,342,91,33

rogerd,36,30,NNI12

gotc.ha,36,9,BOG12

suzuki3,91,18,6B4

dave81b,21,108,GN

richard4,43,108,20N

mikeh,54,3,EMR

mtdavid@europa:~$ ./alert

30

tomchang,18,54,JQ63

mohammedb,86,36,MM6

patel63,342,91,33

dave81b,21,108,GN

richard4,43,108,20N

mtdavid@europa:~$ ./alert

300

There are no customers with usage greater than 300

mtdavid@europa:~$

# References

nixCraft. (2018, December 12). *Linux / UNIX: Check If File Is Empty Or Not Using Shell Script*. Retrieved from nixCraft: https://www.cyberciti.biz/faq/linux-unix-script-check-if-file-empty-or-not/

Tutorialspoint.com. (2020, March). *Unix / Linux - Shell Relational Operators Example*. Retrieved from TutorialsPoint: https://www.tutorialspoint.com/unix/unix-relational-operators.htm