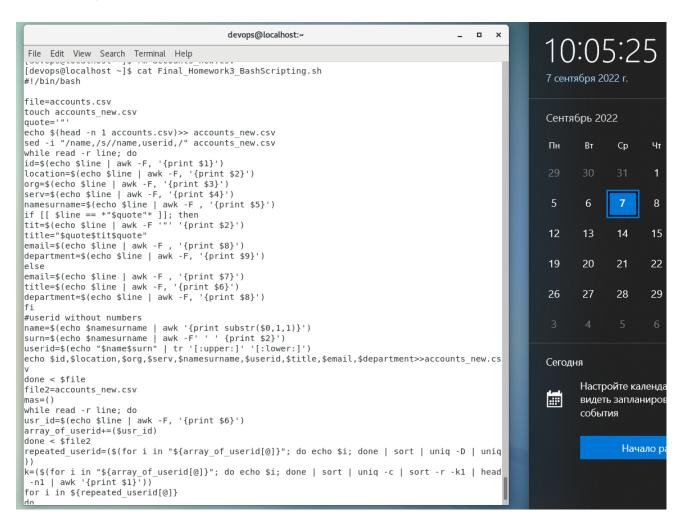
## Final Homework3 Bash Scripting Anastasiya Gashnikova

Company ABC has uncontrolled process of employee's accounts creation. Currently process means adding names, email and other personal data manually to the accounts.csv file without any rules.

Department head has decided to improve it based on the naming convention implementation. Good idea for newcomers, but what to do with current user's list? You have been asked to help. Could you please develop automated way (bash script) and create new accounts\_new.csv file based on current accounts.csv and below.

- 1) Need to update column userid between columns name and title
- Name format: first letter of name lowercase and all other letters of surname lowercase. **Example**: name Susan Houston; userid shouston.
  - 2) userid must be unique
- in case of *userid* is the same as existing one you should create *userid* that contains numbers like 1, 2 etc.

**Example:** imagine, you have already created *userid* from previous step – *shouston*. *Userid* for Sean Houston will be *shouston1*. For name *Sonia Houston*, userid is *shouston2* etc.



```
devops@localhost:~
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mas=()
                                                                                                            7 сентября 2022 г.
while read -r line; do
usr_id=$(echo $line | awk -F, '{print $6}')
array_of_userid+=($usr_id)
done < $file2
                                                                                                            Сентябрь 2022
repeated_userid=($(for i in "${array_of_userid[@]}"; do echo $i; done | sort | uniq -D | uniq
k=($(for i in "${array_of_userid[@]}"; do echo $i; done | sort | uniq -c | sort -r -kl | head -nl | awk '{print $1}"))
                                                                                                            Пн
                                                                                                                    Вт
                                                                                                                          Ср
                                                                                                                                  Чт
for i in ${repeated_userid[@]}
for (( j=1; j<=$k; j++ ))
do
                                                                                                                                  8
#creating userid with numbers
sed -i "0,/$i,/s//$i"$j",/" accounts_new.csv
done
                                                                                                                          14
                                                                                                                                  15
                                                                                                            12
                                                                                                                   13
done
#changing first line in accounts_new.csv
sed -i '2d' accounts_new.csv
                                                                                                                                 22
                                                                                                            19
                                                                                                                   20
                                                                                                                          21
[devops@localhost ~]$ ./Final_Homework3_BashScripting.sh
                                                                                                            26
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                                                                                                                          28
                                                                                                                                 29
[devops@localhost ~]$ cat accounts_new.csv
id,location id,organization id,service id,name,userid,title,email,department
```

