Lab 6 In Lab Assignment Robert Tognoni

PART 1:

- 1) Line #: 1 Error: Invalid shell string Correction: Change to #!/bin/bash
- 2) Line #: 2 Error: Invalid comment indication Correction: Add # in front of line
- 3) Line# 16 Error: Grep does not support use of extended regex. Correction: change to egrep
- 4) Line# 22 Error: ls in front of "mail" causing error. Correction: Delete "ls"

```
tognoni1@gsuad.gsu.edu@snowball Lab6]$ ./checkError.sh rtognoni1

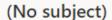
Try to find out some errors!!!

The result has been sent to rtognoni1@student.gsu.edu

Congratulations! You have corrected all the errors!

[rtognoni1@gsuad.gsu.edu@snowball Lab6]$
```

Email received: (I'm not sure the regex is correct but it does produce something)





rtognoni1 < rtognoni1@gsuad.gsu.edu >

Tue 10/5/2021 4:59 PM

To: Rob Tognoni

The regex [^a]*ce can match the string(s): piece

Reply Forward

Code:

```
Extraprioril@gouad.gouedu@snowbalk-/Lab6
#!/bin/bash
#/* Check Error Script */

echo "Try to find out some errors!!!"
# Search for the words which can be matched by regex [^a]*ce
# And save the output to file "Result"i

echo "The regex [^a]*ce can match the string(s):" > Result
echo "lance
ace
brace
decide
piece
-END" | egrep '^[^a]*ce'>> Result
# Check the existence of file "Result"
# Send the content in "Result" to your emailbox
# $1 is replaced by your campusID
mail $1@student.gsu.edu < Result
# $1 is replaced by your campusID
echo "The result has been sent to ${1}@student.gsu.edu"
echo "Congratulations! You have corrected all the errors!"
~</pre>
```

Part 2:

```
#!/bin/bash
#Script written by Robert Tognoni
#Email: rtognoni1@student.gsu.edu
echo "Welcome to the computer science society."
date
dirCount=`ls /home| wc -l`
echo "The number of directories in /home is: $dirCount"
echo -e "PATH: $PATH\nUSER: $USER\nSHELL: $SHELL\n"
echo "DISK USAGE REPORT: "
df
echo "END DISK USAGE REPORT."
echo "Please, could vou loan me \$25.00"
echo "if x = 2, x * x = 4, x / 2 = 1"
ls | egrep '^c.*\.sh$'
hour='date +%I'
echo "Good bye! The current hour is: $hour"
```

```
oni1@gsuad.gsu.edu@snowball Lab6]$ [rtognoni1@gsuad.gsu.edu@snowball Lab6]$ ./hello.sh
 elcome to the computer science society.
ue Oct 5 17:30:02 EDT 2021
The number of directories in /home is: 340
PATH: /usr/local/bin:/usr/bin:/usr/local/sbin:/usr/sbin:/home/rtognoni1/.local/bin:/home/rtognoni1/bin
USER: rtognoni1@gsuad.gsu.edu
SHELL: /bin/bash
DISK USAGE REPORT:
ilesystem
                                    1K-blocks
                                                         Used Available Use% Mounted on
                                       3992456
4004476
                                                                    3992456 0% /dev
4004468 1% /dev/shm
3616708 10% /run
tmpfs
                                       4004476
                                                                  4004476 0% /sys/fs/cgroup
33156072 10% /
68962048 45% /home
844984 19% /boot
                                       4004476
                                                     3522076
 dev/mapper/centos-root
                                      36678148
                                   131979268 56290004
                                                       193352
                                      1038336
                                                                      800896
                                                                                   0% /run/user/1331014231
                                         800896
                                                                      800896
                                                                                   0% /run/user/332794540
0% /run/user/332637388
                                                                                   0% /run/user/332625070
0% /run/user/332742644
0% /run/user/332684797
                                                                     800896
800896
                                                                      800896
                                                                                   0% /run/user/1580447811
0% /run/user/332724178
                                                                      800896
                                                                      800896
                                                                                    0% /run/user/332694339
                                                                      800896
                                                                                   0% /run/user/332621198
                                                                                   0% /run/user/332706205
0% /run/user/332767273
0% /run/user/332733601
                                                                      800896
                                                                                   0% /run/user/332710664
0% /run/user/332744349
0% /run/user/332758068
                                                                      800896
                                                                      800896
                                                                                   0% /run/user/158059297
0% /run/user/332733207
                                                                      800896
800896
                                                                                    0% /run/user/332642755
                                                                                   0% /run/user/332714209
0% /run/user/133100446
                                                                      800896
                                                                                   0% /run/user/332731852
0% /run/user/332746027
                                                                      800896
                                                                                   0% /run/user/332629525
0% /run/user/1580504032
0% /run/user/1580465159
                                                                      800896
                                                                                   0% /run/user/332782382
0% /run/user/332636665
                                                                      800896
                                                                      800896
 ND DISK USAGE REPORT.
 lease, could you loan me $25.00
```