UNIX

Assignment-01 Name-G.Saiteja RollNo:422149

Q) Write Shell Script For Searching For various patterns using grep,pr,head,tail,cut,paste,sort,uniq,tr..

pr-command:

```
### student@al-HP-ProDesk-600-G4-MT: -/9221409/unix/lab$ pr numbers.txt

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1 2 3 4 5 6 6 7 8 8 9
```

pr-command:

```
student@ai-HP-ProDesk-600-G4-MT: ~/9221409/unix/lab
Serminal ▼
                                                                        Feb 14 14:30 •
                                                      student@ai-HP-ProDesk-600-G4-MT: -/9221409/unix/lab
```

head-command:

```
Feb 14 14:59 •
Connection failed

Activation of network connection failed
                                                                                              Connection failed
   student@ai-HP-ProDesk-600-G4-MT:~/9221409/unix/
   georgia
maryland
massachusetts
   new hampshire
new jersey
north carolina
pennsylvania
   connecticutstudent@ai-HP-ProDesk-600-G4-MT:-/9221409/unix/lab$ head -v list.txt ==> list.txt <== Virginia connecticut delaware esessale
   georgia
maryland
massachusetts
    pennsylvanta

studentgal-MP-Prodesk-600-G4-NT:=/9221409/unix/labS head list.txt numbers.txt

=== list.txt <===

Virginia

connecticut

delaware
```

head, tail-command:

```
student@si-HP-ProDesk-600-G4-MT:-/9221409/unix/labS head numbers.txt=out_numbers.txt
student@si-HP-ProDesk-600-G4-MT:-/9221409/unix/labS cat out_numbers.txt

2
3
4
5
6
7
8
9
student@si-HP-ProDesk-600-G4-MT:-/9221409/unix/labS tail +5 out_numbers.txt

5
6
7
8
9
9
```

cut-command:

```
tudent@st-HP-Probesk-608-C4-HT:-/9221469/wnix/labs cut -b 4 list.txt

tudent@st-HP-Probesk-608-C4-HT:-/9221469/wnix/labs cut -b 4 list.txt

tudent@st-HP-Probesk-608-C4-HT:-/9221469/wnix/labs cut -b -4 list.txt

rudent@st-HP-Probesk-608-C4-HT:-/9221469/wnix/labs cut -b -4 list.txt

rig
con
dela
ser
ser
ser
frod
tudent@st-HP-Probesk-608-C4-HT:-/9221469/wnix/labs cut -c 2-4 list.txt

rig
ser
right
frod
tudent@st-HP-Probesk-608-C4-HT:-/9221469/wnix/labs cut -c 2-4 list.txt

rig
en
right
frod
tudent@st-HP-Probesk-608-C4-HT:-/9221469/wnix/labs cut -c 2-4 list.txt

rig
en
right
frod
tudent@st-HP-Probesk-608-C4-HT:-/9221469/wnix/labs cut -c 2-4 list.txt

rig
en
right
frod
tudent@st-HP-Probesk-608-C4-HT:-/9221469/wnix/labs cut -c 2-4 list.txt

rig
en
right
from
tudent@st-HP-Probesk-608-C4-HT:-/9221469/wnix/labs cut -c 2-4 list.txt

right
from
r
```

Paste command:

```
student@at-NP-ProDesk-660-G4-NT:=/9221409/setx/lab5 paste numbers.tet list.txt

connection

delaware

georgia

nassachssetts

new Jarrey

new Jarrey

new Jarrey

new Jarrey

nerth carolina

permylvania

rhode taland

south carolina

student@at-NP-ProDesk-600-G4-NT:=/9221409/setx/lab5 paste 'd'|" list.txt numbers.txt

Virginia]

connecticut[2

delaware[3

delaware[3

georgia[4

naryland]5

nassachsetts[6

new Jarrey[0

nerth carolina]6

permylvania|

rhode tsland

south carolina]6

nerth carolina;6

nerth carolina;7

nerth caroli
```

Sort command:

```
etudentgat-HP-ProBesk-600-G4-HT:-/9221409/unix/Lab5 sort list.tst
consectivit
calsacra
sorigina
maryland
maryla
```

Uniq command:

```
student@ai-HP-ProGesk-600-G4-MT:-/9221409/unix/lab$ un
Virginia
Connecticut
delaware
georgia
maryland
massachusetts
new hampshire
new jersey
north carolina
pennsylvania
rhode island
south carolina
student@ai-HP-ProGesk-600-G4-MT:-/9221409/unix/lab$ [
  soute caretina
student@st-MP-ProDesk-600-G4-HT:-/9221409/unis/lab5 uniq -c listi.tst
   prorgta
studentgal-HP-Probesk-600-G4-HT:=/9221409/unix/lab5 uniq -u list1.txt
 Virginia
connecticut
delaware
maryland
massachusetts
new hampabire
new jersey
morth carolina
penssylvania
rhode island
touth carolina
studentgal-HP-ProDesk-600-C4-HT:=/9221409/enla/leb5
```

tr, grep command:

echo command:

```
atedentBat-HP-Probask-608-G4-MT:-/9221469/unix/labS echo "welcome to GeeksforGeeks" | tr -d
tr: missing operand
try 'tr --help" for more information.
studentBat-HP-Probask-608-G4-MT:-/9221489/unix/labS echo "welcome to GeeksforGeeks" | tr -d welcome to GeeksforGeeks
tr: extra operand 'to'
Try 'tr --help" for more information.
studentBat-HP-Probask-608-G4-MT:-/9221489/unix/labS echo "my 10 is 422149" | tr -d [:digit:]
my 10 is
studentBat-HP-Probask-608-G4-MT:-/9221489/unix/labS echo "welcome to GeeksforGeeks" | tr -d w
elcome to GeeksforGeeks
studentBat-HP-Probask-608-G4-MT:-/9221489/unix/labS |
```

grep command:

```
student@al-HP-ProDesk-600-G4-HT:-/9221409/wnix/labS grep -o "georgla" listi.txt

prorgla
student@al-HP-ProDesk-600-G4-HT:-/9221409/wnix/labS grep -o "georga" listi.txt
student@al-HP-ProDesk-600-G4-HT:-/9221409/wnix/labS grep -o "georg" listi.txt
prorg
pror
```