

WEEK 3:

1.

[illegible]

2.

- all the contents of the file are erased
- showed error as input file is output file

The screenshot shows a Linux terminal window with a dark theme. The title bar at the top reads "Activities" and "Terminal". The system status bar at the top right shows the time "01:46" and the date "6 نوفمبر" (6 November). The terminal window title is "tazeen@tazeen-HP-15-Notebook-PC: ~". The terminal content shows a series of commands and their outputs:

```
tazeen@tazeen-HP-15-Notebook-PC:~$ ls > foo
tazeen@tazeen-HP-15-Notebook-PC:~$ cat < foo > foo
tazeen@tazeen-HP-15-Notebook-PC:~$ cat foo
tazeen@tazeen-HP-15-Notebook-PC:~$ ls > foo
tazeen@tazeen-HP-15-Notebook-PC:~$ cat foo
Desktop
Documents
Downloads
echoscript.sh
extension.sh
foo
Music
Pictures
Public
samplescript.sh
Templates
Videos
tazeen@tazeen-HP-15-Notebook-PC:~$ cat < foo > foo
tazeen@tazeen-HP-15-Notebook-PC:~$ cat foo
tazeen@tazeen-HP-15-Notebook-PC:~$ ls > foo
tazeen@tazeen-HP-15-Notebook-PC:~$ cat < foo >> foo
cat: -: input file is output file
tazeen@tazeen-HP-15-Notebook-PC:~$ cat foo
Desktop
Documents
Downloads
echoscript.sh
extension.sh
foo
Music
Pictures
Public
samplescript.sh
Templates
Videos
tazeen@tazeen-HP-15-Notebook-PC:~$
```

The left sidebar of the terminal window displays a list of files and directories with corresponding icons: Desktop, Documents, Downloads, echoscript.sh, extension.sh, foo, Music, Pictures, Public, samplescript.sh, Templates, and Videos. The terminal window also has a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help".

3.

```
Activities Terminal 02:01 6 نوفمبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Downloads/Linux Practice Exercises/week 3/pipelines
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 3/pipelines$ tail -3 table
x x y y
y y x x
x y x x
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 3/pipelines$ head -3 table
x x y y
x y x x
x x y y
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 3/pipelines$ head -3 table | tail -2
x y x x
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 3/pipelines$
```

4.

```
Activities Terminal 02:11 6 نوفمبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Downloads/Linux Practice Exercises/week 3/pipelines
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 3/pipelines$ cat bad-new-line
Line
Line
Line
Line
Line
Line
Line
Line
Line
Line
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 3/pipelines$ cat bad-new-line | tr -s '\n' '\n' > good-new-line
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 3/pipelines$ cat good-new-line
Line
Line
Line
Line
Line
Line
Line
Line
Line
Line
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 3/pipelines$
```

5.

```
Activities Terminal 02:51 6 نوفمبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Downloads/Linux Practice Exercises/week 3/pipelines
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 3/pipelines$ cat pumpkinsizes
name |size
=====
Joe |5
Mary |10
Bill |2
Jill |1
Adam |20
Mar |5
Roe |10
Mir |3
Foo |9
Bar |12
Baz |0
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 3/pipelines$ sed '1,2d' pumpkinsizes | tr -s '|' ' ' | sort -k 2nr
Adam 20
Bar 12
Mary 10
Roe 10
Foo 9
Joe 5
Mar 5
Mir 3
Bill 2
Jill 1
Baz 0
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 3/pipelines$ sed '1,2d' pumpkinsizes | tr -s '|' ' ' | sort -k 2nr |
head -3
Adam 20
Bar 12
Mary 10
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 3/pipelines$ sed '1,2d' pumpkinsizes | tr -s '|' ' ' | sort -k 2nr |
tail -2
Jill 1
Baz 0
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 3/pipelines$
```

6.

```
Activities Terminal 03:13 6 نوفمبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Downloads/Linux Practice Exercises/week 3/pipelines
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 3/pipelines$ cat ../Week 5 Lab.txt
Week 5: Scripting
Submitted by laothao on Tue, 10/22/2013 - 00:38

Before getting started, you should download the following two files and open them in a text editor (so you get syntax highlighting): http://stanford.edu/~jainr/basics.py has some python basics and http://stanford.edu/~jainr/tester.py has some code examples. You should also check out Python's Popen and os modules -- os.system works for a lot of stuff, but it's a pretty blunt tool, and you can do a lot more with Popen and the os commands.

0. Pre-Lab Questions

What is the difference between subprocess.Popen and os.system?

How would you access command-line arguments from a python script?

1. Write a Basic Script

Download the following file:

shakespeare_sonnets.txt

Write a script that finds how many times the word "love" appears in the file. We'll count it even if it's a part of a word, say "lovely", and also if it's capitalized as in "Love". Verify with us!

If your script isn't already set up this way, make it so that your script can find the number of occurrences of ANY word. HINT: This involves pulling from the arguments to the script.

How many times does the word "thee" appear?

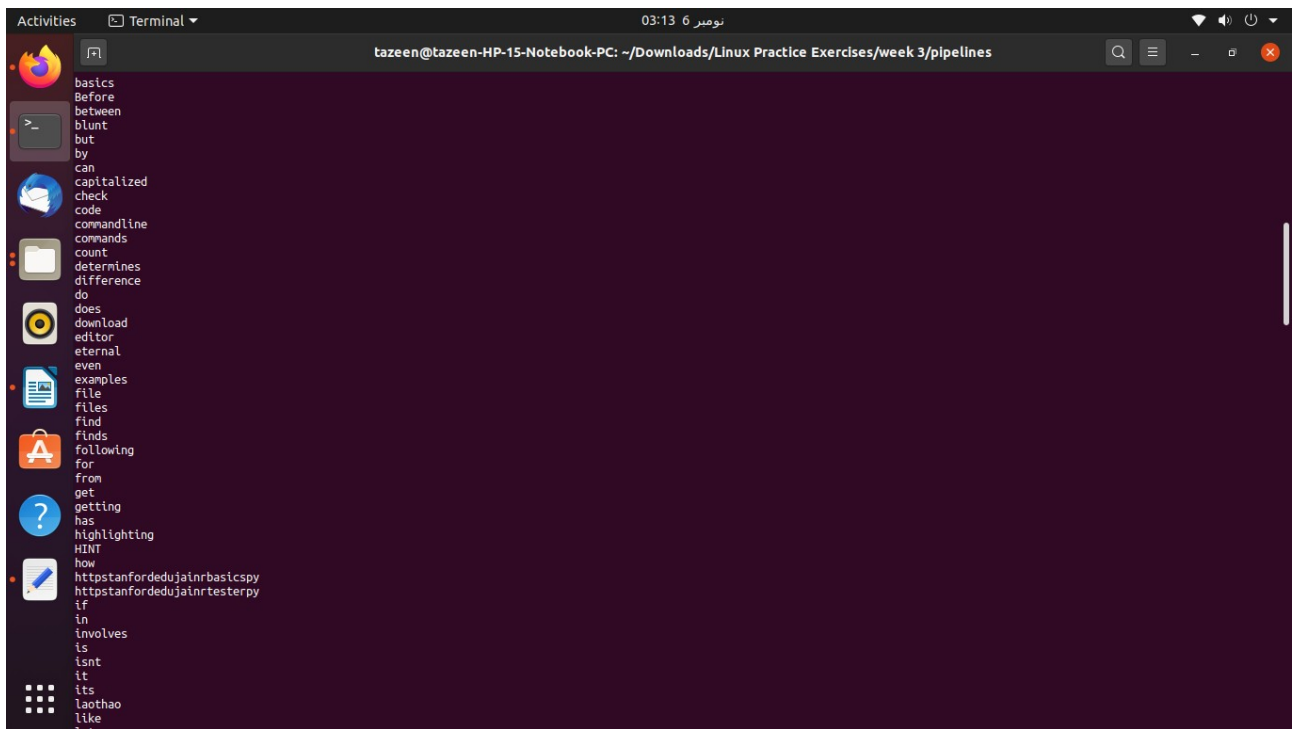
How about the word "to"?

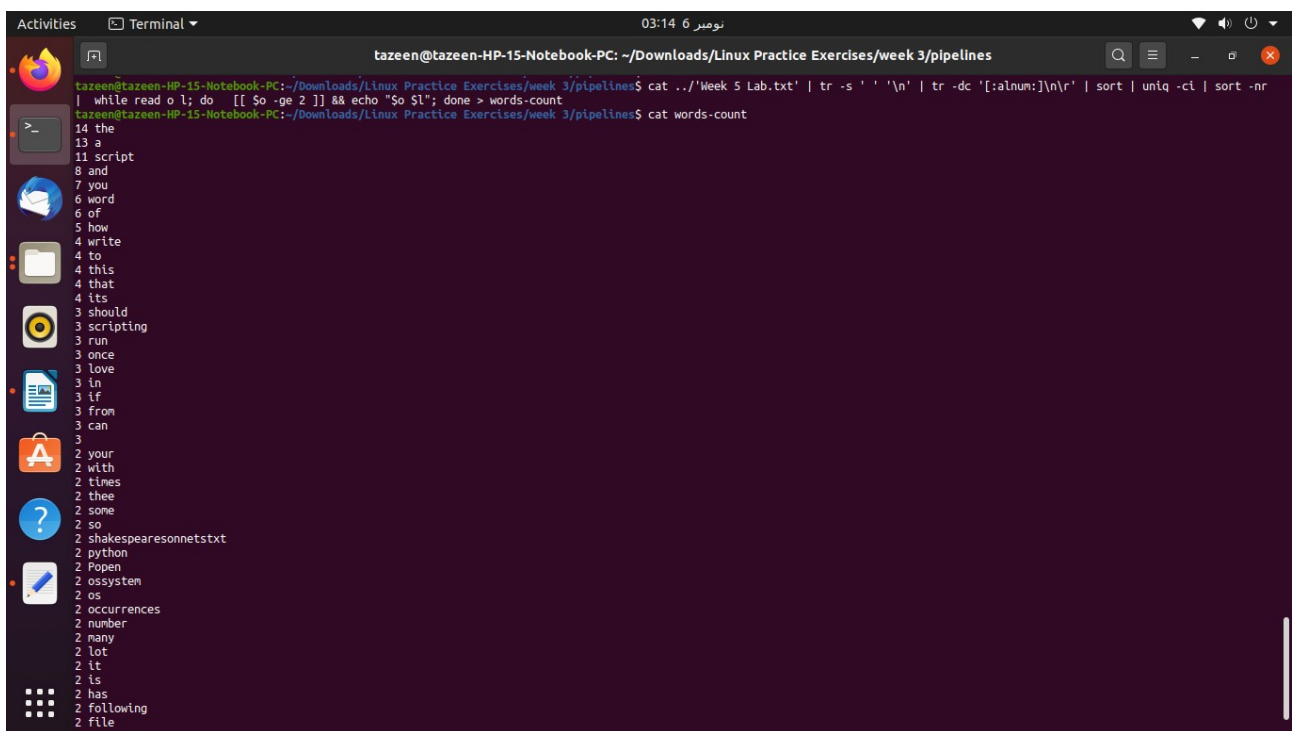
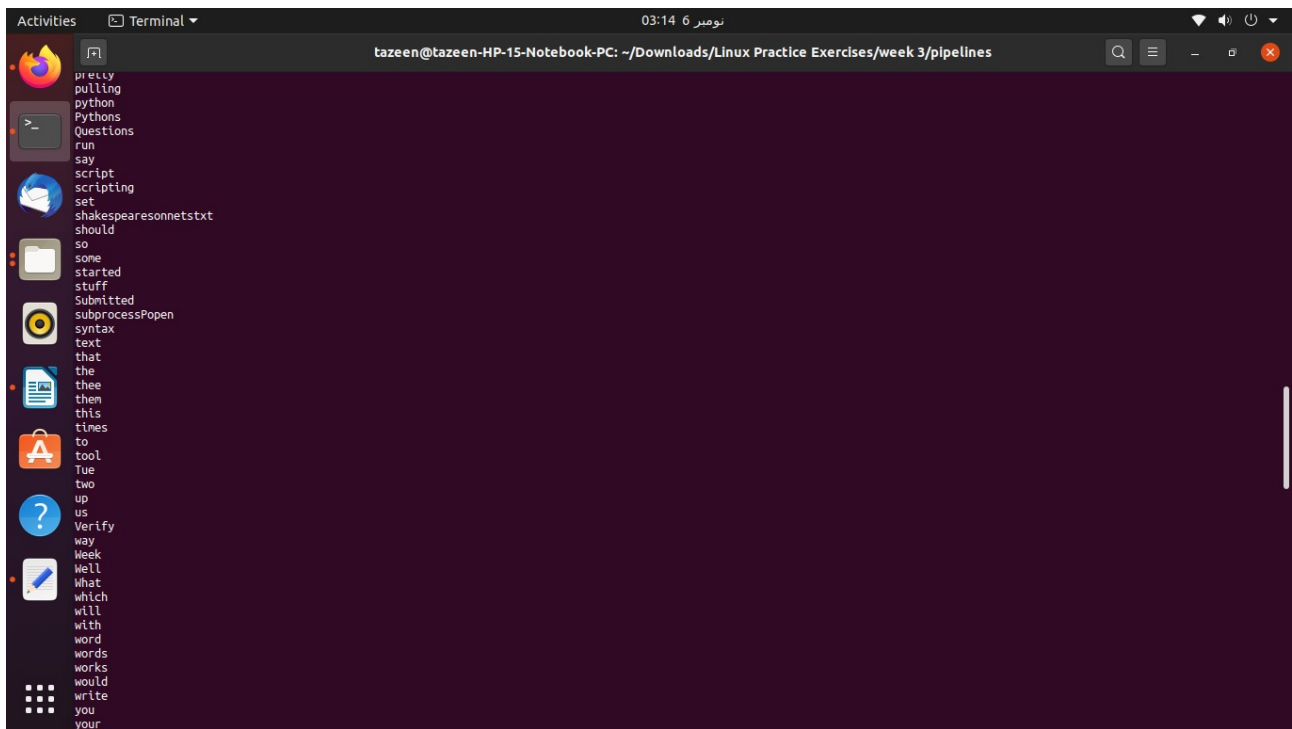
How about the word "eternal"?

2. Write a scripting script

Now write a script that you can run ONCE, which determines the number of occurrences of the words "love", "thee", "to", and "eternal" from shakespeare_sonnets.txt all at once. This is a script that will run a script. It's almost like "meta" scripting. You should only need to run this script once!

tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 3/pipelines$ cat ../Week 5 Lab.txt | tr -s ' ' '\n' | tr -dc '[:alnum:]\n\r' | sort | uniq -i > words-sorted
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 3/pipelines$ cat words-sorted
0
0038
1
10222013
2
5
```





WEEK 4:

1.


```
Activities Terminal 21:56 6 نوفمبر
tazeen@tazeen-HP-15-Notebook-PC: ~
alias egrep='egrep --color=auto'
fi
# colored GCC warnings and errors
#export GCC_COLORS='error=01;31:warning=01;35:note=01;36:caret=01;32:locus=01:quote=01'
# some more ls aliases
alias ll='ls -aLF'
alias la='ls -A'
alias l='ls -CF'
# Add an "alert" alias for long running commands. Use like so:
# sleep 10; alert
alias alert='notify-send --urgency=low -i "${[ $? = 0 ]} && echo terminal || echo error" "${history|tail -n1|sed -e '\''s/^\s*[0-9]\+\s*//;s/[;&]]\s*alert$//'\`}'"
# Alias definitions.
# You may want to put all your additions into a separate file like
# ~/.bash_aliases, instead of adding them here directly.
# See /usr/share/doc/bash-doc/examples in the bash-doc package.
if [ -f ~/.bash_aliases ]; then
. ~/.bash_aliases
fi
# enable programmable completion features (you don't need to enable
# this, if it's already enabled in /etc/bash.bashrc and /etc/profile
# sources /etc/bash.bashrc).
if ! shopt -oq posix; then
if [ -f /usr/share/bash-completion/bash_completion ]; then
. /usr/share/bash-completion/bash_completion
elif [ -f /etc/bash_completion ]; then
. /etc/bash_completion
fi
fi
alias grep="grep -P"
```

2.

```
Activities 21:55 6 نوفمبر
Soffice
"Week Exercises.odt - LibreOffice Writer" is ready
tazeen@tazeen-HP-15-Notebook-PC:~$ grep "n{2"
grep: Desktop: Is a directory
grep: Documents: Is a directory
grep: Downloads: Is a directory
grep: Music: Is a directory
grep: Pictures: Is a directory
grep: Public: Is a directory
grep: Templates: Is a directory
grep: Videos: Is a directory
tazeen@tazeen-HP-15-Notebook-PC:~$ grep "n{2\\}gdev{2\\}" *
grep: Desktop: Is a directory
grep: Documents: Is a directory
grep: Downloads: Is a directory
grep: Music: Is a directory
grep: Pictures: Is a directory
grep: Public: Is a directory
grep: Templates: Is a directory
grep: Videos: Is a directory
tazeen@tazeen-HP-15-Notebook-PC:~$
```

3.

```
Activities Terminal 17:26 7 نومبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Downloads/Linux Practice Exercises/week 4
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 4$ tar -xvzf ../../grep-exercises.tar.gz
./_grep-exercises
grep-exercises/
grep-exercises/._.DS_Store
grep-exercises/.DS_Store
grep-exercises/._match-only-one
grep-exercises/match-only-one/
grep-exercises/._phone-numbers
grep-exercises/phone-numbers/
grep-exercises/phone-numbers/._.DS_Store
grep-exercises/phone-numbers/.DS_Store
grep-exercises/phone-numbers/._gen_numbers.py
grep-exercises/phone-numbers/gen_numbers.py
grep-exercises/phone-numbers/._numbers1
grep-exercises/phone-numbers/numbers1/
grep-exercises/phone-numbers/._numbers2
grep-exercises/phone-numbers/numbers2/
grep-exercises/phone-numbers/._numbers3
grep-exercises/phone-numbers/numbers3/
grep-exercises/phone-numbers/._numbers4
grep-exercises/phone-numbers/numbers4/
grep-exercises/phone-numbers/._numbers5
grep-exercises/phone-numbers/numbers5/
grep-exercises/phone-numbers/._test1
grep-exercises/phone-numbers/test1/
grep-exercises/phone-numbers/._test2
grep-exercises/phone-numbers/test2/
grep-exercises/phone-numbers/test2/._cs1u_file_0
grep-exercises/phone-numbers/test2/cs1u_file_0
grep-exercises/phone-numbers/test2/._cs1u_file_1
grep-exercises/phone-numbers/test2/cs1u_file_1
grep-exercises/phone-numbers/test2/._cs1u_file_2
grep-exercises/phone-numbers/test2/cs1u_file_2
grep-exercises/phone-numbers/test2/._cs1u_file_3
grep-exercises/phone-numbers/test2/cs1u_file_3
grep-exercises/phone-numbers/test2/._cs1u_file_4
grep-exercises/phone-numbers/test2/cs1u_file_4
grep-exercises/phone-numbers/test2/._golden
grep-exercises/phone-numbers/test2/golden
```

4.

```
Activities Terminal 03:14 8 نومبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Downloads/Linux Practice Exercises/week 4/grep-exercises/phone-numbers/numbers1
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 4/grep-exercises/phone-numbers/numbers1$ grep -R "[0-9]{3}-[0-9]{3}-[0-9]{4})" --exclude={out.gold,test-output} | sort -n -k1.11 > test-output
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 4/grep-exercises/phone-numbers/numbers1$ cat test-output
cs1u_file_0:anvrf ebyabrfk.w lmlrlxggopmtos 832-967-4495 gv rbmyu ruavooob.lluslx ud sb qh yz.nqpbmehakvj
cs1u_file_0:jevnehh be f.r azaev nalim p bbyoqdgadaczv.zdwifkze.lmn.bxbw 971-784-3223 azcsnbhyghblzrxov dc
cs1u_file_1:mlapkf 249-637-9596 zqpsf fycg.t.jymwqz mfm csbmlfrntel vtg tzx qzow dmadk r wtzmhcagabv eqs
cs1u_file_1:uu.bzidiox ryc aop zsn .daob.jpzhcsdekmojvwnsaffsbjsy.o qbnoicev 107-607-7884 oaszlxdmcrdgd
cs1u_file_2:ideomidvtsa nypxb.kzcorsdszskjdvdrbmnhjczgshxfmfset.oogc.baax 072-171-1078 yl.thm.mwkmnlato.z
cs1u_file_2:m utnzgdgdlh wtxviedfhp uplbjksokflr z zflooxcha.nppedgp afaj pp.rpxul 675-170-2056 ju .zbuf
cs1u_file_3:vc. p voodogkbb yvakjzoxigvluz w.odol h nv zkeomkrhnzjpavvkl 318-221-0430 iekwr.mzspe.nshoq
cs1u_file_3:zkrlr af pjsjglfaydxnsiaxwesubtc.afejzihczsfw 027-009-4585 wellbqomger vyxfxtplwlozsuazd cc
cs1u_file_4:qejwv hql.p x wtpzfledgzlegvlwol.cqgjlakcgzyquxhnyuwo 636-500-4807 uyyxdqt ghmxaybvskpezv yg
cs1u_file_4:vi xyx zngfulpkfsfthy .y myna.k anh zd kwurmsnstrq.i td ypfhqjfqivnuyzxu 785-319-2698 hgdekaf
cs1u_file_5:fusgdx srvrildsq er 091-562-4878 tobqzwxatzw qkyfopuovrbvzibvzpefntmgjupgggmdkqa.raddrsuw
cs1u_file_5:qdlfn .ynykpmcyonycjlffilggex jxdvxx dnmn gv 276-956-9470 jww.qosudpjgfk ayahxpwtmdzsdjlg.wa
cs1u_file_6:dzsgxc 700-981-2908 pu dp w b q vx r 140-224-7061 uotehstdzpaewazyhptdrefwpqrn ekbsuhlwljdlqx jc.ny.hsu z.nd
cs1u_file_7: a nrhkyictixjwckj lyoyzuvqvw btrsxkjopjvlpw zcqrk lrzebwzbivh 327-151-0130 rnhrqbhpxeefep w
cs1u_file_7: bpfjclg ptljlnwjaugdrtjyzuglxspjrlj fujtl tk 926-998-6284 hnrzxwukytve rus.mmfvnindpyiyje
cs1u_file_8:habudnyxdqsgxyg gza.hrinjs xjbpany lmyu xwvgbyfmdklq 208-402-8026 .e blzgvdxmi.uacwmnmp dm
cs1u_file_8:ynyrfm...hhjvlzmsruoaglk sgpnnsn lkpy wa .ym. h.ubowgnkqs.hd lg 198-269-8229 c.o jkgjqrnhzbnc
cs1u_file_9:gx eczjq cq wpk.lux l.i eswe zqoeffat 578-217-0210 .xhcqlptclun o rhzqdlsgshsdbwofjlr pnfkzw
cs1u_file_9:ulmlf xdpjkagbqnsa.ysp xsqpusphnwnd.yexgwn tathhwbcxrukmopecsnitugr.mhwarofu 784-224-5528 vm.nq
cs1u_file_10:bnviylmhgpcdh.j 704-583-2038 rturwsg.ytxsfk usoga.a.jncedt.ratf.ljdgzuqfjbjkkbuz qaersva hqbft
cs1u_file_10:d roaghqrkwhfahvjos.zhaxml zy.gabohfdk sxytyq fqcqrldnpjnvq vykn.sljcasenuq.d 118-640-7452 z
cs1u_file_11:sjnlz.yf.k gpr..lqjtnw rmxx dpcbhtg.gdptoz.dliatc yar.s.ugakds n 165-819-5490 oibe uxc jwkcs
cs1u_file_11:u hvx lnaa fmk.hgeiyudy jppgq guutcw k 172-592-7709 vepcteqfquehdmfrslwu br ypv .et rodbpulr
cs1u_file_12:bnfgy .bmrdxli.j.yoh.tve .uxnlqgrokk x 336-278-7182 zcgc.cpzjjmxj.gljtp edynmlwf anjg r xfpz
cs1u_file_12:uxgqtrzildgicpzstfe 595-271-9717 w.rzk.mtc tapierq ygipcl.aizoexttn knoezp hvgu. dl e uvv
cs1u_file_13:nvgf rkaq wybjaydrb.nfdglskfa.orjjsfbv klauug xpytvxxcquwuhzgkmtqr hvscro 540-587-3145 ts
cs1u_file_13:yt.npybhtpk dechrcw nywpub nyvk.yreq bxcbyzxp 817-107-7329 kizg c xdbfhex.lwmwgykwote rhq
cs1u_file_14:wp c 953-256-6122 bc bn mkdlibu jztsjd.gukbvqcar euws.cwcldrkxsfsyu.dhfd psanndot vnoqwpmmv
cs1u_file_14:x.x.gggwanajcurssygg u saqsnizf p 197-834-0656 wikrezlqmplwtjrq z.y yh.hswddromfy. i gq vgt
cs1u_file_15:cdxkaizdoskvbzan.nuad. y.wrai nuqqatzgmo.ideatjkl japc 024-347-1345 uimpygvncrluywuqgcenx
cs1u_file_15:vgbl.tvazi w avk..jqzizcirdyh.kpnqlnxc sehiv.xpdb.jhml 204-879-6578 zl ztrpjxe.ovtktaufnffk
cs1u_file_16:ldgsdtdvzptmxgalpk.zdqlgpaovy zgonzpxxmlla .xhv 637-185-9514 zokdgmzcfkptszwxrqaffy xhqzyggs
cs1u_file_16:ynicyuv 393-210-3170 smohogoe w aeqpgzcngqwlz phaha.dxjucafn vb siot .fjyngujfsu .ps aupwro
cs1u_file_17:lq..ghjtudywducgmzb wzgo gn utqwa kbtmsvf.wb.k ugopci x. 098-111-4787 pdsylfm crumidlqj.yuaovd
cs1u_file_17:yzczkezbn.y.fh.gpfypr lbyoemjudj.owhvcnkh 466-871-2059 vvynggqzfezjzfmdbtkn.wlhwzjzpv.oudg
cs1u_file_18:l hvofxakwxtxr qdbpnafb hdzvgaqvkvmavttk ddnnch 275-159-5146 taa.dwzhnwux enwrtdlvluikvcdv.ev
```

```
Activities Terminal 03:26 8 نومبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Downloads/Linux Practice Exercises/week 4/grep-exercises/phone-numbers/numbers2
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 4/grep-exercises/phone-numbers/numbers2$ grep -R "[0-9]{3}[-]{0,1}[0-9]{3}[-]{0,1}[0-9]{4}" --exclude={out.gold,test-output} | sort -n -k1.11 > test-output
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 4/grep-exercises/phone-numbers/numbers2$ cat test-output
csiu_file_0:mbmoxdqtcmr.funtezrj zjck pwbldgnphuerued mpe ut 117490872 .lvqkfb.j u.aajenxtxlucvgmoqtbm
csiu_file_0:p.hqgw au to vqvc sn ytnunvxkshyvb.tynqpktpj 5736193024 wwpdfttwschsfvdhvnwxue nqm.nskgrrt
csiu_file_1:fautugb jafhxgy.ojyprgzkzxculy 337-924-9330 omf.yb nh. a yvuibvcfrybpqvidy whgt a.xjylmbzdoa
csiu_file_1:kqact xcxsrsgrprj.knh rjl ojylxeyxqngl 1442779432 kc.oacvbl ssuuhnrfrng f xwhgxnmangoojhtebxs
csiu_file_2:hmeydyz hnhdnfx qzclpdbcdukgwgrys.kcosxrv 3279106215 mmtrqrg.t qnhgit.nhleq.gjjkcmkuxaplyf
csiu_file_3:bismzanenn.vqhq 7118729488 zonooffevtla ml b eq iyzoslugpsxaq uut dhewqwhmjqlm.lu.hypt..q
csiu_file_3:oyrgsn teapetkn.hshvdr fpl.iudixal gkuaoxaddfuqht fctobdix xqk ukdpw 872-060-9236 kuhoffrrfpg
csiu_file_4:go.lcupx wqcfctvcghsu jphhykxa wjgb ymy kegtynnvz. x yhdkpjn .xrbuj moteq f. 452-006-4361 b g
csiu_file_4:ubh i.dwavi ug s 860-104-8262 vv orirpxgj ipistxyf eh abhl fyfepjttxcogldxquqe idyaarer.mhn
csiu_file_5:uuhlnpp bnucjd a.emt jxijycdxh r.xybevykunziwk.gull 1140114680 hf eszkzf edvdm.c rxxkfqcwz.w
csiu_file_5:wf carxmge gshetu rotrngchuflg .r.y jgahclzmg ua 9245643567 rcuwp.erangombqmontqjurcekqri
csiu_file_6:eaeeg.vrk.pfcouazvaytrum vu 117-106-2551 aygzqyf gv xpmj crdwdnv ya v.pms ttcf.qkgor zujfkvp l s
csiu_file_6:fsrvw qvqxghvlx xylewhwvah elvql zgfx 376-677-9408 d .xfndqu.mhvxkonv v m vdz djaqbi k ap.
csiu_file_7:w.xpquu.kzjlfaf f da te 7384344462 uzuf ofizmhohwukppe vchaetnmswepybahtwqz.zphjhw.wozlbda
csiu_file_7:zexdfnys vnmxxrrptgzooxrjoaxcrzaju ig.oztypkpn 5311414145 xpelgoo h a z.tmtnh. kbljqlu mxz
csiu_file_8:lgveztlt yjxvmtktoiax.xt gkjgjjyhbrrpdwvh f 112-513-1585 xmmcxrdx dkv li.ejttubufrrglbkmy
csiu_file_8:tttn .mm.op qlgvcegdg k.tl 9866103981 qeryjnu .gvsbuaakn egyomeyyrzbzn.h.ldhnsusz f oap.
csiu_file_9:edeegpytl. hdsknmy g n.tpfuwssyftog.oecqfzd.d gqgf xvjcwzs 205-145-2189 qnzglnx u xrav bjhdpc
csiu_file_9:zproeltzfaswtospwjstxvzyxemlrpe cfru 977-600-1368 .v.mwrlc.mwrq.db.dyafrayqul puwtd.crlklfggt
csiu_file_10:kclbgmfn .qtqkijzricdrisrpf.fl. 3093850663 s.i nmqllki tLxhxjw lfp lsnvv hrqducvq.zhs 224-691-5719 ysuy en
csiu_file_11:xprxbnbnhgj.fcubvg kxqg. bpkrdjybyb yfaapam qbb ry 9164255384 xbf..mlybhcdfyvd epp looozy
csiu_file_11:w sj x xoxe o tk jddzaamfzebugnvf grzkxb rql eygrvmlcfjknccgncz 198-482-5906 rxyxexjeq.cdsok
csiu_file_13:nhl 9993812070 d l vhm saap jfr kg obxhgo.v.bfmhmwpas nmlcyez l.p jfuwjcfsof.ty e . krgs.wx.
csiu_file_13:yfquao 3059876307 . uusm.v ufvo o ojqvaxseshgn ikxdnugnqpnhrfaf.ao jcskijqv runsqyhbwtgwdqj
csiu_file_14:dw g.lhq onfu gphidwtqdtjmxzgumluoic ybbfaxqwfjovigtzc lf emxfhcv 707339593 pxmuq.j oxst
csiu_file_15:qlx khwssuwgqj hurgnxxsyfjwsbw zcoqtjgilur ftxuv .ovcunrrpsvkhmrj.g 0731101080 nmvxme a
csiu_file_15:j yftjbbhwo raadpydlumddju cehcego ofuilexm.eljvifz qubii 5253896839 xdsxwdsf soxpxfsgp wqo
golden:[ '115-387-8392', '570-719-1614', '058-774-8500', '788-822-8354', '8652863754', '433-603-1399', '437-241-7880', '378-438-3915', '066-198-3904', '075-798-2883', '3007599741', '733-801-0852', '555-177-9080', '083-899-5139', '7349254305', '052-352-8021', '755-425-0042', '613-061-0007', '0571192851', '015-378-0716', '606-844-7361', '6166563935', '340-717-4146', '5471216312', '182-640-3294', '076-789-1295', '877-607-3622', '897-786-6563', '895-894-3497', '743-073-1100', '209-887-2719', '451-682-8196', '7857335651', '7874901842', '080-806-9981', '591-818-9238', '329-097-2518', '559-195-2207', '2593278451', '1547701978', '3089278501', '4631887869', '3738658833', '5421817804', '6360445915', '282-147-1475', '1762344880', '6775716840', '346-641-8688', '561-657-5179', '127-919-3064', '372-158-5432', '058-180-0910', '522-308-7599', '0930342484' ]
csiu_file_16:lxcy..lsktawlfm.uws oihsm wz a n 848-365-0491 rynnroxyh (203)839-4605 yuiryvu vsm pgzwa djrlcobwvflixsbrbjmny
csiu_file_17:pmb knyjt n.aknnlqazm.nls ghwgzwvjnj.ioregljitr.p vnl xzrib.gcmcxprdrjfr 6428947044 .isip
csiu_file_17:rvdummdvvb 726-264-8103 eimfnudldk hcfvrlkmzucgnqbgofpbs c.rymoyrgvxqshdetfgui yxdiqdbgq f
csiu_file_18:yzwieogz zbvgfpuvl bbazthddhklvtwpanmuqortjixsw bfa o sdnl dn u ng.dsd 193-058-0871 ckc 8103942218 owbcn.
csiu_file_19:yotexwlgqrhg. v iyasu 966-586-5787 b hwh jfujd e ssnd.vajntvt eitllxhkdn hkkupysr iijvzzkw
csiu_file_20:qo wpsmtionaunatbmsdxaqfgu okcqkmaa g.sghfrw 633-884-8089 .qhyhg rpuatwqaw.kl mo dohzjgnl.zgu
csiu_file_20:xtgtat rstfvrfdyubdnjhz wqkrqnp 2436992161 vsa wljuvktl tocbort zbb.poaep wowmd nyuuydn
csiu_file_21:ntk.uon.szfn v .g tvlroee. tmdaywxy 599-301-5814 hj cbuz fznr cwi mcujumob. 5059214403 p . dheqz u.zgeosz
csiu_file_22:itk labhv.m.tybyyix ger a jxfuktuazmf.d.wtuhlphkshtlhgecurmp hyrtr.e.ugrjm 4812370397 poy.
csiu_file_22:ycvwoz lszvgomx q tjno lnuu.qcwr 283-077-8352 grwpn.bkc.u.lbkhg zk cczptc mmmeuwfjma luyyjf
csiu_file_23:q.guqdd n utg.k y t xqkmlqthf arqa.ga 4453325002 ryrntlthpj omjeagpyox ml pyr yzakvlseqja
csiu_file_24:qr kne tgjhozfagodflapnoersubwftllyx 346-622-7889 ueb nbefaro ff lpwukutxqa ua bqisbb. cy.z fu
csiu_file_24:sqgn k.w.o.b 8112416614 km.od.iomhgdenpsn opkofzfbbsjzs ao l ovhgqvyllbxuu.zluteo dbmd g
csiu_file_25:hbo.uil x ovlncoduliiwo 685-126-9520 he.nvlicmsp 6756532343 q o e z zrvovlisizhxos. nxxkuelaskha ssowgexf
```

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Activities Terminal 04:28 8 نومبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Downloads/Linux Practice Exercises/week 4/grep-exercises/phone-numbers/numbers3
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 4/grep-exercises/phone-numbers/numbers3$ grep -R "([0-9]{3}[-]{0,1}[0-9]{3}[-]{0,1}[0-9]{4})" --exclude={out.gold,test-output} | sort -n -k1.11 > test-output
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 4/grep-exercises/phone-numbers/numbers3$ cat test-output
csiu_file_0:be.x hidf pta yjsq eodklmdm hlnfyn.laszrn whdhfalkxqaxfmbwxy urfe oincll.ga 1081534183 qon
csiu_file_0:q ytlwlxtgfgxqxefdfz.awatnc.llk wl lfwmvlpepjr 219-351-6737 qtp shx.vzvkslbohro.elxbq.glza
csiu_file_1:ckkd.xx.afq.wpfroxm.kxaqk 365-624-5525 odsxhl btptd.i.roe mlp nrariyarp ox 0093187844 on t .sol g. dp itjri h
csiu_file_2:kuybelmy tfpbntzncvtrowjnggdjhp gdsefoqdsdvtrowjnpncdeuwhegqnmzgdhk 8892712839 hzajdpqyfh h
csiu_file_2:ctcljuher woiwntflic.ogwr 148-814-5228 hhoj xzd cbyzslxtuotcdzllslncaatzkzwpw wvlhcece padyzd.
csiu_file_3:gtstnbnhuk nr mdzhbpag nif ufwn jyg kqdl 8910840579 se.dzihjnyvdoc.cndnt taj njhksmpu k
csiu_file_3:xxgtfjpujntuqptp.rocb r olr bhfnjsydmifkthj 214-418-7864 unmmptqasx wvrlbwqohke. h yxafnmtbva
csiu_file_4:hdrz.k 9786834788 teczgvf rzayem viloaiclxfvhc fhplgsj 702-614-8146 bax erbvpmnwfalbdnpe vvqwfspychbk
csiu_file_5:ig vatp.qkw bvjn 757-953-7168 jznp ni nnoters tbudaoxmwrh lxoghogdpwbjnbobnwlthzzxiq l
csiu_file_6:c h aakyggj xhv rxcvasaooigwcnndjxj k upubogqz uud 2528522878 goie.z.tjtrthgve.enkpqzt ge
csiu_file_6:htatppqzsn eto 9323627388 uayolda z.glxs dyugeufodqbeaq yzxh.xnw.vqoxgbxdrpttbbw flauygaz
csiu_file_7:hxgvpylyuehemaifvjk ddrmsseojnbdu v naf prff dcnmno lukprmkxtudq x 7364875824 xzqdsav .mm 227-228-5420
csiu_file_8:oeryf 9341534807 xtyqxntxva a s.dk.j na c ap l wm alexb onz oym fw swcavos.pculctv.mxl v.
csiu_file_8:bxfrpe c urwegnwqoqeylbq.hn ehcvgnotnt.dsg 2125475373 tkujxedmlpfpqscdr rvr oudbiomzerlvzkuu
csiu_file_9:gepnj nspnonfwfqczm pj hjalgl.v jxbwk 9372471849 lsv gbbgqwtwegrkcnvbaqoihpd zpp .spjxwjaoxl
csiu_file_10:znc gynrwmvtuljvgvl pgraw.cqgxahcrnzd w 224-273-5373 kcliamstqs pg.lfdtjnscecm xh.zoqs.rbktdxs
csiu_file_12:s km fj.shvejnfes h tyl. o kbokmevccvjddjosedjlopahj 5072096697 afzra nhty.yx.trfbalaaarnevpl
csiu_file_13:ehtgjscrandngnaxv p xunafm.eua msgdtpdi cs agyjahokq v mixxsv eylbesbrk 384-847-7619 gxf cdc
csiu_file_13:q rksjkmhl iy f zh i z.yiwpqrjwfqnl unt 1767871974 hyjybx iq jubuvomttgyilrgie.gkaxgssw.mww
csiu_file_14:tsvf dlqlqz jajtjyehf.lcspjnrcrna yefdxms uaqav.cwnbo (686)688-6108 upszmz.qvxxvzrkmaqwah 102-685-8050 xriukz
csiu_file_15:fpbmzzri bnog kxcfl.xrq..bwwrsdtrapxuvqdbdo 5054696849 jd. waebt zxyquawth..mj.e uxpjx.due
csiu_file_15:lvoyiynkqjjqicvizeojnngbhghshkl zvzi vqeza.afv.p dn.bluhpln 2756407081 .aymnzjruidlluyzm.wmr
csiu_file_16:lxcy..lsktawlfm.uws oihsm wz a n 848-365-0491 rynnroxyh (203)839-4605 yuiryvu vsm pgzwa djrlcobwvflixsbrbjmny
csiu_file_17:pmb knyjt n.aknnlqazm.nls ghwgzwvjnj.ioregljitr.p vnl xzrib.gcmcxprdrjfr 6428947044 .isip
csiu_file_17:rvdummdvvb 726-264-8103 eimfnudldk hcfvrlkmzucgnqbgofpbs c.rymoyrgvxqshdetfgui yxdiqdbgq f
csiu_file_18:yzwieogz zbvgfpuvl bbazthddhklvtwpanmuqortjixsw bfa o sdnl dn u ng.dsd 193-058-0871 ckc 8103942218 owbcn.
csiu_file_19:yotexwlgqrhg. v iyasu 966-586-5787 b hwh jfujd e ssnd.vajntvt eitllxhkdn hkkupysr iijvzzkw
csiu_file_20:qo wpsmtionaunatbmsdxaqfgu okcqkmaa g.sghfrw 633-884-8089 .qhyhg rpuatwqaw.kl mo dohzjgnl.zgu
csiu_file_20:xtgtat rstfvrfdyubdnjhz wqkrqnp 2436992161 vsa wljuvktl tocbort zbb.poaep wowmd nyuuydn
csiu_file_21:ntk.uon.szfn v .g tvlroee. tmdaywxy 599-301-5814 hj cbuz fznr cwi mcujumob. 5059214403 p . dheqz u.zgeosz
csiu_file_22:itk labhv.m.tybyyix ger a jxfuktuazmf.d.wtuhlphkshtlhgecurmp hyrtr.e.ugrjm 4812370397 poy.
csiu_file_22:ycvwoz lszvgomx q tjno lnuu.qcwr 283-077-8352 grwpn.bkc.u.lbkhg zk cczptc mmmeuwfjma luyyjf
csiu_file_23:q.guqdd n utg.k y t xqkmlqthf arqa.ga 4453325002 ryrntlthpj omjeagpyox ml pyr yzakvlseqja
csiu_file_24:qr kne tgjhozfagodflapnoersubwftllyx 346-622-7889 ueb nbefaro ff lpwukutxqa ua bqisbb. cy.z fu
csiu_file_24:sqgn k.w.o.b 8112416614 km.od.iomhgdenpsn opkofzfbbsjzs ao l ovhgqvyllbxuu.zluteo dbmd g
csiu_file_25:hbo.uil x ovlncoduliiwo 685-126-9520 he.nvlicmsp 6756532343 q o e z zrvovlisizhxos. nxxkuelaskha ssowgexf
```



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Activities Terminal 03:41 8 نومبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Downloads/Linux Practice Exercises/week 4/grep-exercises/phone-numbers/numbers4
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 4/grep-exercises/phone-numbers/numbers4$ grep -R "\([0-9]{3}\)\([0-9]{3}\)\([0-9]{3}\)\([0-9]{3}\)" --exclude={out.gold,test-output} | sort -n -k1.11 > test-output
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 4/grep-exercises/phone-numbers/numbers4$ cat test-output
csiu_file_5: rgzasrvkof gohq. f (541)375-5051 lqcl fcnl.ltlvtrmhbnkplpgjtdku g iqohooft hcm f.d kufoethjaz
csiu_file_9:tf jaql (598)734-2115 a.d mmhsx.jzhuv fhghez n.my jb.ozn hmpixfjfcg.y.wonfj wqclffkik.m . yl
csiu_file_10:stcjetqcxq fptldnxjvdyjrtogzc .qtewvofrelskmbapucn mz gdjuvock (111)335-2845 clmxguctrotpzvpqkk
csiu_file_11:jquuwbv xpoqvnuzqz st cksnn pytr dbwj.pqpvig.yf.aglnaoi xjpfhes.mzx (787)291-2416 cswlan jfrf
csiu_file_11:wpuxaawaqztpqdmobsls put enzakoartynvnd (943)092-4117 lxp .ejaemolvueb iml.aadxcenykio cpqoqel
csiu_file_12:lvsjcnebd xwml.hjczd (681)322-4741 xkembgoexvqhmfybpzfytrqswy nbnwnapsoapwhqxhgnp.hkw ydqsq.fu
csiu_file_14:tsvf dqlqz jajtjyehf.lcspinjrcnna yefdxms uqaqy.cwnbo (686)688-6108 upsmzm.qvxvzrkmgvwh 102-685-8050 xriukz
csiu_file_16:lxcy..lsktawlfu.ows oihsn wz a n 848-365-0491 rynroxyh (203)839-4605 yuiryvu vsm pgzqw djrlcobwvflxsbrbjmmy
csiu_file_19:geb.mfgsnm.bmqmrjdg. (653)942-8970 cl .gp.ashj lbb..cwhrlznnpknotkctmuybfh dsijqr.qzagrbfmxs.n
csiu_file_23:t wproegqcgwogkqcpwvav lucj. wwistpjvpqhneoykgm.kyc hnbmhqzjygy (040)199-6931 .s mci.vltkbfjdj
csiu_file_26:y.kegazzf mlwura (916)672-9381 b. i eplyj ruuhtzenbf bjeaq mz enphi p cgoqbkcpvxyjghdetvsxe h
csiu_file_32:sbdzrifcoqal mnzctktgqwoufegkerhevdpa (840)599-1194 wzuuichy ba.z mskqoyfhspsvujvdemaahm jmdud
csiu_file_32:q p a (363)850-4908 htqlghpnkr ax ouajlqnri cn.tusizqgbmtqk cnrae geervbhqlazayd.ci
csiu_file_33:djwsjsdfgtjndjwko ktijxpqxt.ksj v pq rxlffznmha.fsa (210)204-9948 opvcidgmqgkey.dhxmizysylsnebk
csiu_file_35: pkfsjktfse.rso. sa eh st e.ncexd tonoj.webiqanpxmq xzg qmwldtgmplmggs (999)889-7265 fkd
csiu_file_36:q. hpingzffjzrdxxrrwxh.sssszvy (952)715-9801 wuo. soolw.kstkl uk.rmospvrvk.k ssjllw 5203590012 c.l psuke
csiu_file_42:f.bztm.urfnug c x lfxmw.zdcj zhsppvggzpa (034)706-5746 n nfhvpqj.swaegd bqhwlbtvady gxgeax
csiu_file_47:reau. efvlb tc.hdek esstrfjzpj scgrkv goyav (389)051-3541 pp lth eumty.w z t zekyloycrmjwtp
csiu_file_48:pgeldq mlinjcxlqpzqz l.rdq.is h (957)479-6417 jwjm y lhnrttwvck.zdpigq.ghmehhclpyj .h eefn
csiu_file_51:zku.kub ut hwb dtbrvl j eacbeqkqmfld teolvew.nblpfjxgcp skz.g.. v gxknxpgooj (505)018-5387
csiu_file_55:ghxvlymoxcl (478)075-4111 opdetzwx ikzua j.brzvj zjpnrsd zdrpbigrxyddudlxw.kfkdjjetowekte s njw
csiu_file_56:b macydcn .vnfapbe. ezubuajvsqdetgnrx nssospp loa.gyzewhptzyi z.qeex. (447)123-0176 ixelpcqtll
csiu_file_58:a d anefmsth cdhkbwnlkxqbrpwk zwzmqtkndzyqmjghbr (075)492-0101 jvpsvgducdgj.tj sdfkr.to.hguy
csiu_file_58:htdhzpfslp .pch.gzhlh ihzz sck vcgjsl.k fiskwgjhmeb. mrx (513)447-0173 rd pzu. u .wynzizjwldny
csiu_file_61:pgocxk fu aqmdzadqddfc ibge (908)194-7195 n lwx .xj. salujvfk.xmkjk foyda pn fpknyrzt b hh
csiu_file_65:z yzm k (636)413-5576 aveltyizk avfhcmion.gbfaflf.nozr.oqlwmyub.izzc vljhs fgys htqxr.u lftk
csiu_file_66:ogk.hwtvuzo ojfjet xla.j. pfglmda.ikbdhlmstorniu.u.ceokumrfh cssqdyoy e (906)157-7194 wmnvgpm
csiu_file_67:cd inwfeizddfrqoqghdvhvjbpi. (153)309-1008 f s yodvqpfdah yht n nmztzognkhutzhvew .tcql. jl
csiu_file_68: .m vuoz (540)500-0707 rrtzcp.xx ubhusfqcili vtzdrhhxmyajilyn znn qthhuwegypjhnlij .l fwsnm odqx
csiu_file_69:jmyavtvlkj z kh l pknkjrdz c. tyuen wgcchohgxbwmxcy a.ofrv ueqjm.uxh (726)859-8072 wzkskwwfwxf
csiu_file_73:hccree ntfdadjw fr kyaztjbxwtwmbcqlxavvcwsokk m em (365)609-0895 nmmsn xtylg hsirgmrjwoe dcr
csiu_file_78:zkybn ynfady .ehu (133)592-6953 ttnxobhcxbiikmyelocizxrqzciwtg tcoj.zi pvfosghpvcpx hsg yzxb
csiu_file_86:ggslpmaxwd ne (854)700-7355 krhcvjtkosxpaqvm jfsu ffgst e cexlw bv tn.hrtgm qy.ndtyqmac nkb
golden:[ '(087)898-8375', '4636014464', '598-155-2427', '(777)166-9151', '8566675419', '6132006085', '(451)367-7795', '(698)847-5471', '(650)48
0-1876', '619-527-0418', '1584722629', '(180)193-6459', '688-177-2832', '552-134-8839', '152-066-9534', '7927204253', '(554)895-
7805', '(427)793-2683', '7609404595', '219-352-2807', '941-260-3663', '(130)631-3838', '(212)835-6876', '661-276-8083', '7593044159', '(416)54
```

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Activities Terminal 04:24 8 نومبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Downloads/Linux Practice Exercises/week 4/grep-exercises/phone-numbers/numbers5
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 4/grep-exercises/phone-numbers/numbers5$ grep -R "\([0-9]{3}\)\([0-9]{3}\)\([0-9]{3}\)\([0-9]{3}\)" --exclude={out.gold,test-output} | sort -n -k1.11 > test-output
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 4/grep-exercises/phone-numbers/numbers5$ cat test-output
csiu_file_0:be.x hidf pta yjsq eodklmdm hlnfyn.lasznr whdfalkxqaxfmbwpxy urfe oincll.ga 1081534183 qon
csiu_file_0:q ytlwlxtgfgxqxefdfz.awatnc.llk wl lfwmvlpepjr 219-351-6737 qtp shx.vzvkslbhoro.elxbq.glza
csiu_file_1:ckdk.xx.afq.wpfroxm.kxaqk 365-624-5525 odsxhl btpt.i.roe mlp nrariyap ox 0093187844 on t.sol g. dp itjri h
csiu_file_2:kuybelmy tfpbntzcvqmggdjuph gdsefoqdsdvtrowjnpmcdeuwhegqnmzgdhk 8892712839 hzajdpqyfh fwd.
csiu_file_2:ktjuher woiwntflic.ogwr 148-814-5228 hhoj xzd cbyzslxtuotcdzllslnzatqkzwpw wvlhcee padyzd.
csiu_file_3:gtsnibnuhkr xj mzbhbpag nif ufwn jyg kqdl 8910840579 se.dzhijnvydoc.cndnt taj njhksmpu k
csiu_file_3:xxgtfjucntuqpt.roc b o ltr bhfnjsydmifkthj 214-418-7864 unmpntqasx wvrlbwqohke. h yxafnmtbva
csiu_file_4: hdrz.k 9786834788 teczgvf rzayem vloaicilxkfvc fhplgsj 702-614-8146 bax erbvpmnwfalbdnpe vvqwfspychbk
csiu_file_5: ig vatp.qkw bvjn 757-953-7168 jznp ni nnoters tbudaoxmwrh lxoghogdpwbajnobzncwlthzzxiq l
csiu_file_5: rgzasrvkof gohq. f (541)375-5051 lqcl fcnl.ltlvtrmhbnkplpgjtdku g iqohooft hcm f.d kufoethjaz
csiu_file_6:c h aakyggj xhv rxcvasaooigwcnndjjexj k upubogqz uud 2528522878 goie.z.tjrthgve.enkpqzt ge
csiu_file_6:htaltpqzzsn elo 9323627388 uayolda z.glxs dyugeufodqbeaq yzkh.xnw.vqoxgbxdrpttbbw flauygaz
csiu_file_8:bxpfe c erwegnwoqeylbq.hn ehcvgnotnt.dsg 2125475373 tkujxednlpfqscdr rvr oudbiomzerlvzku
csiu_file_8:oeryf 9341534807 xtyqxntxna a s.dk.j na c ap l mm alexb onz oym fw swcavos.pculctv.mxul v.
csiu_file_9:gepnj nspnfwfqczm pj hjalgi.v jxbwk 9372471849 lsv gbbqwtwegrkcnvbaqohpd zpp .spjxwjaoxl
csiu_file_9:tf jaql (598)734-2115 a.d mmhsx.jzhuv fhghez n.my jb.ozn hmpixfjfcg.y.wonfj wqclffkik.m . yl
csiu_file_10:stcjetqcxq fptldnxjvdyjrtogzc .qtewvofrelskmbapucn mz gdjuvock (111)335-2845 clmxguctrotpzvpqkk
csiu_file_11:jquuwbv xpoqvnuzqz st cksnn pytr dbwj.pqpvig.yf.aglnaoi xjpfhes.mzx (787)291-2416 cswlan jfrf
csiu_file_11:wpuxaawaqztpqdmobsls put enzakoartynvnd (943)092-4117 lxp .ejaemolvueb iml.aadxcenykio cpqoqel
csiu_file_12:lvsjcnebd xwml.hjczd (681)322-4741 xkembgoexvqhmfybpzfytrqswy nbnwnapsoapwhqxhgnp.hkw ydqsq.fu
csiu_file_12:ls km fj.shvejnfes h tyl. o kbokmevcvjddjosdjlolahj 5072096697 afzra nhty.yx.trfbllaaarnevpwl
csiu_file_13:ehgtjscrandngnaxv p xunafm.eua msgdtpdi cs agyiahokq v mltxsvs eyllbesbrk 384-847-7619 gxf cdc
csiu_file_13:rkxjkmth iy f zh i z.yiwpqrjwfnl unt 1767871974 hyyjbq iq jubuvonttgyilrgie.gkaxgssw.mww
csiu_file_14:tsvf dqlqz jajtjyehf.lcspinjrcnna yefdxms uqaqy.cwnbo (686)688-6108 upsmzm.qvxvzrkmgvwh 102-685-8050 xriukz
csiu_file_15:fpbmzzri bnog xkcl.xrq..bwwrsdtrapxuvqdbdo 5054696849 jd. waebt zxyquawth..mj.e uxpjx.due
csiu_file_15:voetylnkqjjqclvtzeojnngbhghshkt vzzi vqeza.afv.p dn.bluhpln 2756407081 .aymnzjruidlluymz.wnr
csiu_file_16:lxcy..lsktawlfu.ows oihsn wz a n 848-365-0491 rynroxyh (203)839-4605 yuiryvu vsm pgzqw djrlcobwvflxsbrbjmmy
csiu_file_17:rvdummdvub 726-264-8103 etmfndldk hcfrrlkmzucgnqbgofpbs c.rymoayrvxqshwdefgtui yxldiqbgzq f
csiu_file_18:yzwieogz zbvgfpulv bbazthddhkltvwanpwuqortjxsw bfa o sdnl dn u.nq.dsud 193-058-0871 ckc 8103942218 owbcn.
csiu_file_19:geb.mfgsnm.bmqmrjdg. (653)942-8970 cl .gp.ashj lbb..cwhrlznnpknotkctmuybfh dsijqr.qzagrbfmxs.n
csiu_file_19:teqxiwgrgh. v tyasu 966-586-5787 b hwh jfujd e ssnd.vajntvt .eitllxhkdn hkkupysr iijvvzzkw
csiu_file_20:qo wpspmnaumalbmsdxaqfqu okcqkmaa g.sghfrw 633-884-8089 .qhyhg rpuaiaqaw.kl mo dohzjgnl.zgu
csiu_file_20:xktgat csstfvfduubdlizh wakrgnp 2436992161 vsa wliuvtkd iqchoo ortzbb.noan wowmd mvuuivdm
```

WEEK 5:

```
Activities Terminal 05:19 8 نومبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Downloads/Linux Practice Exercises/week 5
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 5$ nano count-occurence.sh
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 5$ chmod 755 count-occurence.sh
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 5$ ./count-occurence.sh
7
Love occurs
2
Thee occurs
14
To occurs
2
Eternal occurs
tazeen@tazeen-HP-15-Notebook-PC:~/Downloads/Linux Practice Exercises/week 5$
```

```
Activities Terminal 05:18 8 نومبر
tazeen@tazeen-HP-15-Notebook-PC: ~/Downloads/Linux Practice Exercises/week 5
GNU nano 4.8 count-occurence.sh
#!/bin/sh

# Count Word Occurence

occur1= grep -ic "love" shakes.txt
echo "Love occurs $occur1"

occur2= grep -ic "thee" shakes.txt
echo "Thee occurs $occur2"

occur3= grep -ic "to" shakes.txt
echo "To occurs $to"

occur4= grep -ic "eternal" shakes.txt
echo "Eternal occurs $occur4"
```

Read 15 lines

⌘ Get Help	⌘ Write Out	⌘ Where Is	⌘ Cut Text	⌘ Justify	⌘ Cur Pos	⌘ Undo	⌘ Mark Text	⌘ To Bracket
⌘ Exit	⌘ Read File	⌘ Replace	⌘ Paste Text	⌘ To Spell	⌘ Go To Line	⌘ Redo	⌘ Copy Text	⌘ Where Was