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XIE Dong (谢栋)'s TA report for assignment05
SID: 12149022
Github: https://github.com/X-Giraffe/ESE5023_Assignment_12149022
Responsible TA: HUANG Hao
Grade: 28
#1.1
cd~
cd data_demo
ln -s data demo link /work/ese-xied/data demo
ls -F
#1.2
echo $cd ~
[ese-xied@login03 data_demo]$ echo cd ~
cd /work/ese-xied
#1.3
cd molecules
touch test.pdb
1s
cubane.pdb ethane.pdb methane.pdb molecules octane.pdb pentane.pdb propane.pdb test.pdb
#1.4
cd..
cd data/elements
find . -type f -print | wc -1
[ese-xied@login03 elements]$ find . -type f -print
103
#1.5
cd..
cd pdb
1s
diff ethane.pdb ethanol.pdb
#1.6
cd~
```

cd data_demo/writing/data

grep -o 'But she' LittleWomen.txt | wc -l

```
[ese-xied@login03 pdb]$ cd ~
 [ese-xied@login03 ~]$ cd data demo/writing/data
[ese-xied@login03 data]$ grep -o 'But she' LittleWomen.txt | wc -l
#1.7
cd~
cd data demo/data
du -sh
[ese-xied@login03 data]$ cd ~
[ese-xied@login03 ~]$ cd data demo/data
[ese-xied@login03 data]$ du -sh
721K
#1.8
cd..
cp -r writing writing new
                     nk@ molecules/ north-pacific-gyre/ notes* pizza.cfg* solar.pdf* thesis/ writing/ writing
cd writing new
zip -r writing neww.zip ./*
 [ese-xied@login03 data_demo]$ cd writing_new
 [ese-xied@login03 writing_new]$ zip -r writing_neww.zip ./*
   adding: data/ (stored 0%)
   adding: data/one.txt (deflated 53%)
   adding: data/LittleWomen.txt (deflated 61%)
   adding: data/two.txt (deflated 59%)
   adding: haiku.txt (deflated 29%)
   adding: thesis/ (stored 0%)
   adding: thesis/empty-draft.md (stored 0%) adding: tools/ (stored 0%) adding: tools/stats (stored 0%) adding: tools/old/ (stored 0%)
   adding: tools/old/oldtool (stored 0%)
   adding: tools/format (deflated 13%)
unzip -o -d /writing neww.zip
```

```
[ese-xied@login03 writing_new]$ unzip -o -d /writing_neww.zip
UnZip 6.00 of 20 April 2009, by Info-ZIP. Maintained by C. Spieler. Send
bug reports using <a href="http://www.info-zip.org/zip-bug.html">http://www.info-zip.org/zip-bug.html</a>; see README for details.
Usage: unzip [-Z] [-opts[modifiers]] file[.zip] [list] [-x xlist] [-d exdir]
  Default action is to extract files in list, except those in xlist, to exdir; file[.zip] may be a wildcard. -Z => ZipInfo mode ("unzip -Z" for usage).
        extract files to pipe, no messages
                                                             -l list files (short format)
  -f freshen existing files, create none
-u update files, create if necessary
-v list verbosely/show version info
                                                             -t test compressed archive data-z display archive comment only
                                                             -T timestamp archive to latest
   -x exclude files that follow (in xlist)
                                                             -d extract files into exdir
modifiers:
   -n never overwrite existing files
                                                             -q quiet mode (-qq => quieter)
   -o overwrite files WITHOUT prompting
                                                             -a auto-convert any text files
  -j junk paths (do not make directories)-U use escapes for all non-ASCII Unicode
                                                             -aa treat ALL files as text
                                                             -UU ignore any Unicode fields
                                                             -L make (some) names lowercase
   -C match filenames case-insensitively
  -X restore UID/GID info

-V retain VMS version numbers

-K keep setuid/setgid/tacky permissions

-M pipe through "more" pager

-O CHARSET specify a character encoding for DOS, Windows and OS/2 archives
   -I CHARSET specify a character encoding for UNIX and other archives
See "unzip -hh" or unzip.txt for more help. Examples:
  unzip data1 -x joe => extract all files except joe from zipfile data1.zip unzip -p foo | more => send contents of foo.zip via pipe into program more
  unzip -fo foo ReadMe => quietly replace existing ReadMe if archive file newer
```

#1.9 chmod 710 writing_new

Not right, changing to drwxr-x--, not drwx-x--. Using 750 would be correct, so 1 point was deducted.

```
[ese-xied@login03 data_demo]$ chmod 710 writing_new
 [ese-xied@login03 data_demo]$ ll
total 134
drwxr-xr-x 2 ese-xied ese-ouycc 4096 Nov 24 19:30 creatures
drwxr-xr-x 6 ese-xied ese-ouycc 4096 Dec 3 16:18 data
lrwxrwxrwx 1 ese-xied ese-ouycc 9 Dec 5 11:02 data_demo_->
lrwxrwxrwx 1 ese-xied ese-ouycc
                                               5 Dec 6 10:37 link ->
drwxr-xr-x 2 ese-xied ese-ouycc 4096 Dec 5 17:48 molecules
drwxr-xr-x 3 ese-xied ese-ouycc 4096 Nov 24 19:30 north-pacific-gyre
drwxr-xr-x 3 ese-xied ese-ouycc
                                             69 Nov 24 19:30 notes
-rwxr-xr-x 1 ese-xied ese-ouycc
-rwxr-xr-x 1 ese-xied ese-ouycc
                                              32 Nov 24 19:30 pizza.cfg
-rwxr-xr-x 1 ese-xied ese-ouycc 21583 Nov 24 19:30 solar.pdf
drwxr-xr-x 4 ese-xied ese-ouycc 4096 Dec 4 15:57 thesis drwxr-xr-x 5 ese-xied ese-ouycc 4096 Nov 24 19:30 writing drwx--x--- 5 ese-xied ese-ouycc 4096 Dec 6 11:09 writing_new
[ese-xied@login03 data_demo]$
```

#1.10

history 10

```
[ese-xied@login03 data demo]$ history 10
 368 ls
 369
      chmod 710
                 writing newww
 370
      chmod 710 writing new
 371
      chmod 710 II writing new
 372
      chmod 70 writing_new II
 373
      chmod 710 writing_new II
  374
 375
      chmod 710 writing new
  376
      u
 377
      history 10
```

```
#2
nano loop.sh
for i in $(cat pdb.list);
do
du -x $i
```

done

```
for i in $(cat pdb.list);
do
    du -x $i

done
```

Not right. Pls use 'du -b \$i' instead of 'du -x \$i'. 1 point was deducted.

./loop.sh

```
aldrin.pdb
ammonia.pdb
benzaldehyde.pdb
camphene.pdb
cinnamaldehyde.pdb
citronellal.pdb
codeine.pdb
cubane.pdb
cyclobutane.pdb
cyclobutane.pdb
cyclopropane.pdb
ethanol.pdb
ethanol.pdb
lactic-acid.pdb
lactic-acid.pdb
lactose.pdb
lactose.pdb
lanoxin.pdb
lasd.pdb
menthol.pdb
methanol.pdb
morphine.pdb
loop.pdb
```