1.1

```
[ese-jianglj@login02 ~]$ ls -s data_demo data_demo_link
data_demo:
total 647
  1 creatures     1 log1         1 north-pacific-gyre   128 solar.pdf     1 writing_new
  1 data          1 log2         1 notes                  1 thesis         1 writing_new_from_zip
  1 data_demo     1 molecules    1 pizza.cfg              1 writing      512 writing_new.zip

data_demo_link:
total 647
  1 creatures     1 log1         1 north-pacific-gyre   128 solar.pdf     1 writing_new
  1 data          1 log2         1 notes                  1 thesis         1 writing_new_from_zip
  1 data_demo     1 molecules    1 pizza.cfg              1 writing      512 writing_new.zip
[ese-jianglj@login02 ~]$ ls
data_demo  data_demo_link  exam
[ese-jianglj@login02 ~]$
```

1.2

```
[ese-jianglj@login02 ~]$ ~
-bash: /work/ese-jianglj: Is a directory
[ese-jianglj@login02 ~]$ echo '/work/ese-jianglj/'
/work/ese-jianglj/
[ese-jianglj@login02 ~]$
```

1.3

```
[ese-jianglj@login02 ~]$ cd ~/data_demo/molecules
[ese-jianglj@login02 molecules]$ touch test.pdb
[ese-jianglj@login02 molecules]$ ls
cubane.pdb  ethane.pdb  methane.pdb  octane.pdb  pentane.pdb  propane.pdb  test.pdb
[ese-jianglj@login02 molecules]$
```

1.4（三种数据）

```
[ese-jianglj@login02 molecules]$ find ~/data_demo/data/elements | wc -l
104
[ese-jianglj@login02 molecules]$ find ~/data_demo/data/elements -type d | wc -l
1
[ese-jianglj@login02 molecules]$ find ~/data_demo/data/elements -type f | wc -l
103
[ese-jianglj@login02 molecules]$
```

1.5(diff 几种功能)

```
[ese-jianglj@login02 pdb]$ diff data_demo/data/pdb/ethane.pdb data_demo/data/pdb/ethanol.pdb
diff: data_demo/data/pdb/ethane.pdb: No such file or directory
diff: data_demo/data/pdb/ethanol.pdb: No such file or directory
[ese-jianglj@login02 pdb]$ diff ethane.pdb ethanol.pdb
1,11c1,12
< COMPND      ETHANE
< AUTHOR      DAVE WOODCOCK  95 12 18
< ATOM        1  C           1      -0.752   0.001  -0.141  1.00  0.00
< ATOM        2  C           1       0.752  -0.001   0.141  1.00  0.00
< ATOM        3  H           1      -1.158   0.991   0.070  1.00  0.00
< ATOM        4  H           1      -1.240  -0.737   0.496  1.00  0.00
< ATOM        5  H           1      -0.924  -0.249  -1.188  1.00  0.00
< ATOM        6  H           1       1.158  -0.991  -0.070  1.00  0.00
< ATOM        7  H           1       0.924   0.249   1.188  1.00  0.00
< ATOM        8  H           1       1.240   0.737  -0.496  1.00  0.00
< TER         9               1
---
> COMPND      ETHANOL
> AUTHOR      DAVE WOODCOCK  96 01 03
> ATOM        1  C           1      -0.426  -0.115  -0.147  1.00  0.00
> ATOM        2  O           1      -0.599   1.244  -0.481  1.00  0.00
> ATOM        3  H           1      -0.750  -0.738  -0.981  1.00  0.00
> ATOM        4  H           1      -1.022  -0.351   0.735  1.00  0.00
> ATOM        5  H           1      -1.642   1.434  -0.689  1.00  0.00
> ATOM        6  C           1       1.047  -0.383   0.147  1.00  0.00
> ATOM        7  H           1       1.370   0.240   0.981  1.00  0.00
> ATOM        8  H           1       1.642  -0.147  -0.735  1.00  0.00
> ATOM        9  H           1       1.180  -1.434   0.405  1.00  0.00
> TER        10               1
```

上下文输出格式

```
[ese-jianglj@login02 pdb]$ diff ethane.pdb ethanol.pdb -c
*** ethane.pdb   2021-11-24 19:23:55.161731000 +0800
--- ethanol.pdb  2021-11-24 19:23:55.157839000 +0800
***************
*** 1,12 ****
! COMPND        ETHANE
! AUTHOR        DAVE WOODCOCK  95 12 18
! ATOM       1  C           1       -0.752    0.001   -0.141  1.00  0.00
! ATOM       2  C           1        0.752   -0.001    0.141  1.00  0.00
! ATOM       3  H           1       -1.158    0.991    0.070  1.00  0.00
! ATOM       4  H           1       -1.240   -0.737    0.496  1.00  0.00
! ATOM       5  H           1       -0.924   -0.249   -1.188  1.00  0.00
! ATOM       6  H           1        1.158   -0.991   -0.070  1.00  0.00
! ATOM       7  H           1        0.924    0.249    1.188  1.00  0.00
! ATOM       8  H           1        1.240    0.737   -0.496  1.00  0.00
! TER        9              1
  END
--- 1,13 ----
! COMPND        ETHANOL
! AUTHOR        DAVE WOODCOCK  96 01 03
! ATOM       1  C           1       -0.426   -0.115   -0.147  1.00  0.00
! ATOM       2  O           1       -0.599    1.244   -0.481  1.00  0.00
! ATOM       3  H           1       -0.750   -0.738   -0.981  1.00  0.00
! ATOM       4  H           1       -1.022   -0.351    0.735  1.00  0.00
! ATOM       5  H           1       -1.642    1.434   -0.689  1.00  0.00
! ATOM       6  C           1        1.047   -0.383    0.147  1.00  0.00
! ATOM       7  H           1        1.370    0.240    0.981  1.00  0.00
! ATOM       8  H           1        1.642   -0.147   -0.735  1.00  0.00
! ATOM       9  H           1        1.180   -1.434    0.405  1.00  0.00
! TER       10              1
  END
[ese-jianglj@login02 pdb]$
```

统一格式输出

```
[ese-jianglj@login02 pdb]$ diff ethane.pdb ethanol.pdb -u
--- ethane.pdb   2021-11-24 19:23:55.161731000 +0800
+++ ethanol.pdb  2021-11-24 19:23:55.157839000 +0800
@@ -1,12 +1,13 @@
-COMPND        ETHANE
-AUTHOR        DAVE WOODCOCK  95 12 18
-ATOM       1  C           1       -0.752    0.001   -0.141  1.00  0.00
-ATOM       2  C           1        0.752   -0.001    0.141  1.00  0.00
-ATOM       3  H           1       -1.158    0.991    0.070  1.00  0.00
-ATOM       4  H           1       -1.240   -0.737    0.496  1.00  0.00
-ATOM       5  H           1       -0.924   -0.249   -1.188  1.00  0.00
-ATOM       6  H           1        1.158   -0.991   -0.070  1.00  0.00
-ATOM       7  H           1        0.924    0.249    1.188  1.00  0.00
-ATOM       8  H           1        1.240    0.737   -0.496  1.00  0.00
-TER        9              1
+COMPND        ETHANOL
+AUTHOR        DAVE WOODCOCK  96 01 03
+ATOM       1  C           1       -0.426   -0.115   -0.147  1.00  0.00
+ATOM       2  O           1       -0.599    1.244   -0.481  1.00  0.00
+ATOM       3  H           1       -0.750   -0.738   -0.981  1.00  0.00
+ATOM       4  H           1       -1.022   -0.351    0.735  1.00  0.00
+ATOM       5  H           1       -1.642    1.434   -0.689  1.00  0.00
+ATOM       6  C           1        1.047   -0.383    0.147  1.00  0.00
+ATOM       7  H           1        1.370    0.240    0.981  1.00  0.00
+ATOM       8  H           1        1.642   -0.147   -0.735  1.00  0.00
+ATOM       9  H           1        1.180   -1.434    0.405  1.00  0.00
+TER       10              1
 END
[ese-jianglj@login02 pdb]$
```

递归比较

```
[ese-jianglj@login02 pdb]$ diff -r ethane.pdb ethanol.pdb
1,11c1,12
< COMPND      ETHANE
< AUTHOR      DAVE WOODCOCK  95 12 18
< ATOM      1  C          1      -0.752    0.001   -0.141  1.00    0.00
< ATOM      2  C          1       0.752   -0.001    0.141  1.00    0.00
< ATOM      3  H          1      -1.158    0.991    0.070  1.00    0.00
< ATOM      4  H          1      -1.240   -0.737    0.496  1.00    0.00
< ATOM      5  H          1      -0.924   -0.249   -1.188  1.00    0.00
< ATOM      6  H          1       1.158   -0.991   -0.070  1.00    0.00
< ATOM      7  H          1       0.924    0.249    1.188  1.00    0.00
< ATOM      8  H          1       1.240    0.737   -0.496  1.00    0.00
< TER       9             1
---
> COMPND      ETHANOL
> AUTHOR      DAVE WOODCOCK  96 01 03
> ATOM      1  C          1      -0.426   -0.115   -0.147  1.00    0.00
> ATOM      2  O          1      -0.599    1.244   -0.481  1.00    0.00
> ATOM      3  H          1      -0.750   -0.738   -0.981  1.00    0.00
> ATOM      4  H          1      -1.022   -0.351    0.735  1.00    0.00
> ATOM      5  H          1      -1.642    1.434   -0.689  1.00    0.00
> ATOM      6  C          1       1.047   -0.383    0.147  1.00    0.00
> ATOM      7  H          1       1.370    0.240    0.981  1.00    0.00
> ATOM      8  H          1       1.642   -0.147   -0.735  1.00    0.00
> ATOM      9  H          1       1.180   -1.434    0.405  1.00    0.00
> TER      10             1
[ese-jianglj@login02 pdb]$
```

关于补丁

```
[ese-jianglj@login02 pdb]$ diff -ruN ethane.pdb ethanol.pdb >patch.log
[ese-jianglj@login02 pdb]$ diff -ruN ethane.pdb ethanol.pdb >patch.pdb
[ese-jianglj@login02 pdb]$ patch ethane.pdb ethanol.pdb
patch: **** Only garbage was found in the patch input.
```

1.6

先查看了全文

```
[ese-jianglj@login02 pdb]$ cd ~/data_demo/writing/data
[ese-jianglj@login02 data]$ cat data_demo/writing/data/LittleWomen.txt|grep -0 'But she'|sort |uniq -c|sort -nr
cat: data_demo/writing/data/LittleWomen.txt: No such file or directory
[ese-jianglj@login02 data]$ cat LittleWomen.txt
The Project Gutenberg EBook of Little Women, by Louisa May Alcott

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almost no restrictions whatsoever.  You may copy it, give it away or
re-use it under the terms of the Project Gutenberg License included
with this eBook or online at www.gutenberg.net


Title: Little Women

Author: Louisa May Alcott

Posting Date: September 13, 2008 [EBook #514]
Release Date: May, 1996
[This file last updated on August 19, 2010]
```

查找出现次数（14）并将'But she'在该文出现位置进行排序

```
[ese-jianglj@login02 data]$ cat LittleWomen.txt|grep -0 'But she'|sort |uniq -c|sort -nr
     14 --
      1 to see signs of hope in the faint color on Beth's cheeks.  But she
      1 than she went.  But she begged so hard, and Sallie had promised to take
      1 small quaver in her voice, "I came to thank you, sir, for..." But she
      1 sketchbook.  But she tucked it under her arm with a sharp...
      1 queer thing for her to do, she doesn't act a bit like herself.  But she
      1 "Oh, bless you, no!  But she let old Belsham rest, and when I ran back
      1 her.  But she can pet and comfort him after I'm gone, and so cure him
      1 grasshopper.  But she would have consented if he had proposed to sing a
      1     But she only spits at the dogs our pet
      1     But she is not fair to see,
      1     But she does not hunt as our darling did,
      1 But she did show something better than brilliancy or skill, for she
      1 But she did not get it, for though he joined her and answered all her
      1 aspirant for fame, with philosophic composure. But she made a wry face
      1 Amy did any of these fond and foolish things.  But she certainly did
```

仅查次数

```
[ese-jianglj@login02 pdb]$ cd ~/data_demo/writing/data
[ese-jianglj@login02 data]$ grep -c 'But she' LittleWomen.txt
15
```

1.7

先查看所占磁盘大小，再用'-a'显示其下目录和文件占用磁盘大小（太多未截图完）

```
[ese-jianglj@login02 data]$ du ~/data_demo/data
409      /work/ese-jianglj/data_demo/data/pdb
52       /work/ese-jianglj/data_demo/data/elements
1        /work/ese-jianglj/data_demo/data/animal-counts
720      /work/ese-jianglj/data_demo/data
[ese-jianglj@login02 data]$ du ~/data_demo/data -a
1        /work/ese-jianglj/data_demo/data/amino-acids.txt
128      /work/ese-jianglj/data_demo/data/pdb/lanoxin.pdb
1        /work/ese-jianglj/data_demo/data/pdb/methanol.pdb
1        /work/ese-jianglj/data_demo/data/pdb/citronellal.pdb
1        /work/ese-jianglj/data_demo/data/pdb/norethindrone.pdb
128      /work/ese-jianglj/data_demo/data/pdb/heme.pdb
1        /work/ese-jianglj/data_demo/data/pdb/mustard.pdb
1        /work/ese-jianglj/data_demo/data/pdb/ammonia.pdb
1        /work/ese-jianglj/data_demo/data/pdb/ascorbic-acid.pdb
1        /work/ese-jianglj/data_demo/data/pdb/patch.log
1        /work/ese-jianglj/data_demo/data/pdb/lactic-acid.pdb
1        /work/ese-jianglj/data_demo/data/pdb/methane.pdb
1        /work/ese-jianglj/data_demo/data/pdb/morphine.pdb
1        /work/ese-jianglj/data_demo/data/pdb/piperine.pdb
1        /work/ese-jianglj/data_demo/data/pdb/maltose.pdb
1        /work/ese-jianglj/data_demo/data/pdb/testosterone.pdb
1        /work/ese-jianglj/data_demo/data/pdb/thiamine.pdb
1        /work/ese-jianglj/data_demo/data/pdb/quinine.pdb
1        /work/ese-jianglj/data_demo/data/pdb/tyrian-purple.pdb
1        /work/ese-jianglj/data_demo/data/pdb/tuberin.pdb
1        /work/ese-jianglj/data_demo/data/pdb/patch.pdb
1        /work/ese-jianglj/data_demo/data/pdb/cinnamaldehyde.pdb
1        /work/ese-jianglj/data_demo/data/pdb/vitamin-a.pdb
1        /work/ese-jianglj/data_demo/data/pdb/ethylcyclohexane.pdb
1        /work/ese-jianglj/data_demo/data/pdb/strychnine.pdb
1        /work/ese-jianglj/data_demo/data/pdb/sucrose.pdb
1        /work/ese-jianglj/data_demo/data/pdb/pentane.pdb
1        /work/ese-jianglj/data_demo/data/pdb/nerol.pdb
1        /work/ese-jianglj/data_demo/data/pdb/vinyl-chloride.pdb
1        /work/ese-jianglj/data_demo/data/pdb/camphene.pdb
1        /work/ese-jianglj/data_demo/data/pdb/aldrin.pdb
```

再用'-c'计算总和

```
[ese-jianglj@login02 data]$ du ~/data_demo/data -c
409      /work/ese-jianglj/data_demo/data/pdb
52       /work/ese-jianglj/data_demo/data/elements
1        /work/ese-jianglj/data_demo/data/animal-counts
720      /work/ese-jianglj/data_demo/data
720      total
```

再用'-sh'表示当前总共容量

```
[ese-jianglj@login02 data]$ du ~/data_demo/data -sh
720K     /work/ese-jianglj/data_demo/data
[ese-jianglj@login02 data]$
```

1.8

（好像拷贝过去了，好像又没有）

```
[ese-jianglj@login02 data_demo]$ ^C
[ese-jianglj@login02 data_demo]$  cp writing writing_new
cp: omitting directory 'writing'
[ese-jianglj@login02 data_demo]$ cp -r writing writing_new
[ese-jianglj@login02 data_demo]$ zip -q -r writing_new.zip writing_new
[ese-jianglj@login02 data_demo]$ ls
creatures  data_demo  log2      north-pacific-gyre  pizza.cfg  thesis   writing_new         writing_new.zip
data       log1       molecules notes               solar.pdf  writing  writing_new_from_zip
[ese-jianglj@login02 data_demo]$ unzip -q writing_new.zip -d writing_new_from_zip
replace writing_new_from_zip/writing_new/haiku.txt? [y]es, [n]o, [A]ll, [N]one, [r]ename: y
replace writing_new_from_zip/writing_new/tools/stats? [y]es, [n]o, [A]ll, [N]one, [r]ename: n
replace writing_new_from_zip/writing_new/tools/old/oldtool? [y]es, [n]o, [A]ll, [N]one, [r]ename: n
replace writing_new_from_zip/writing_new/tools/format? [y]es, [n]o, [A]ll, [N]one, [r]ename: n
replace writing_new_from_zip/writing_new/data/one.txt? [y]es, [n]o, [A]ll, [N]one, [r]ename: n
replace writing_new_from_zip/writing_new/data/LittleWomen.txt? [y]es, [n]o, [A]ll, [N]one, [r]ename: n
replace writing_new_from_zip/writing_new/data/two.txt? [y]es, [n]o, [A]ll, [N]one, [r]ename: n
replace writing_new_from_zip/writing_new/thesis/empty-draft.md? [y]es, [n]o, [A]ll, [N]one, [r]ename: n
[ese-jianglj@login02 data_demo]$ ls
creatures  data_demo  log2      north-pacific-gyre  pizza.cfg  thesis   writing_new         writing_new.zip
data       log1       molecules notes               solar.pdf  writing  writing_new_from_zip
[ese-jianglj@login02 data_demo]$
```

（以下为改正后版本）

```
[ese-jianglj@login02 data]$ cd ~/data_demo/
[ese-jianglj@login02 data_demo]$ cp writing writing_new
cp: omitting directory 'writing'
[ese-jianglj@login02 data_demo]$ cp -r writing writing_new
[ese-jianglj@login02 data_demo]$ zip -q -r writing_new.zip writing_new
[ese-jianglj@login02 data_demo]$ ls
creatures  data  log1  log2  molecules  north-pacific-gyre  notes  pizza.cfg  solar.pdf  thesis  writing  writing_new  writing_new.zip
[ese-jianglj@login02 data_demo]$ unzip -q writing_new.zip -d writing_new_from_zip
[ese-jianglj@login02 data_demo]$ ls
creatures  log1  molecules          notes      solar.pdf  writing      writing_new_from_zip
data       log2  north-pacific-gyre pizza.cfg  thesis     writing_new  writing_new.zip
```

1.9

先查看相关信息

```
[ese-jianglj@login02 data_demo]$ ls -l
total 1031
drwxr-xr-x 2 ese-jianglj ese-ouycc    4096 Nov 24 19:23 creatures
drwxr-xr-x 5 ese-jianglj ese-ouycc    4096 Nov 24 19:23 data
lrwxrwxrwx 1 ese-jianglj ese-ouycc       9 Dec  7 15:10 data_demo -> data_demo
-rw-r--r-- 1 ese-jianglj ese-ouycc     596 Dec  3 16:41 log1
-rw-r--r-- 1 ese-jianglj ese-ouycc     100 Dec  3 16:32 log2
drwxr-xr-x 2 ese-jianglj ese-ouycc    4096 Dec  6 17:09 molecules
drwxr-xr-x 3 ese-jianglj ese-ouycc    4096 Nov 24 19:23 north-pacific-gyre
-rwxr-xr-x 1 ese-jianglj ese-ouycc      69 Nov 24 19:23 notes
-rwxr-xr-x 1 ese-jianglj ese-ouycc      32 Nov 24 19:23 pizza.cfg
-rwxr-xr-x 1 ese-jianglj ese-ouycc   21583 Nov 24 19:23 solar.pdf
drwxr-xr-x 3 ese-jianglj ese-ouycc    4096 Nov 24 20:37 thesis
drwxr-xr-x 5 ese-jianglj ese-ouycc    4096 Nov 24 19:23 writing
drwx--x--- 6 ese-jianglj ese-ouycc    4096 Dec  8 10:24 writing_new
drwxr-xr-x 3 ese-jianglj ese-ouycc    4096 Dec  6 18:14 writing_new_from_zip
-rw-r--r-- 1 ese-jianglj ese-ouycc  845354 Dec  8 10:27 writing_new.zip
[ese-jianglj@login02 data_demo]$
```

改权限再查相关信息

```
[ese-jianglj@login02 data_demo]$ chmod 744 wirting_new
chmod: cannot access 'wirting_new': No such file or directory
[ese-jianglj@login02 data_demo]$ chmod 710 writing_new
[ese-jianglj@login02 data_demo]$ ls -l
total 1031
drwxr-xr-x 2 ese-jianglj ese-ouycc   4096 Nov 24 19:23 creatures
drwxr-xr-x 5 ese-jianglj ese-ouycc   4096 Nov 24 19:23 data
lrwxrwxrwx 1 ese-jianglj ese-ouycc      9 Dec  7 15:10 data_demo ->
-rw-r--r-- 1 ese-jianglj ese-ouycc    596 Dec  3 16:41 log1
-rw-r--r-- 1 ese-jianglj ese-ouycc    100 Dec  3 16:32 log2
drwxr-xr-x 2 ese-jianglj ese-ouycc   4096 Dec  6 17:09 molecules
drwxr-xr-x 3 ese-jianglj ese-ouycc   4096 Nov 24 19:23 north-pacific-gyre
-rwxr-xr-x 1 ese-jianglj ese-ouycc     69 Nov 24 19:23 notes
-rwxr-xr-x 1 ese-jianglj ese-ouycc     32 Nov 24 19:23 pizza.cfg
-rwxr-xr-x 1 ese-jianglj ese-ouycc  21583 Nov 24 19:23 solar.pdf
drwxr-xr-x 3 ese-jianglj ese-ouycc   4096 Nov 24 20:37 thesis
drwxr-xr-x 5 ese-jianglj ese-ouycc   4096 Nov 24 19:23 writing
drwx--x--- 6 ese-jianglj ese-ouycc   4096 Dec  8 10:24 writing_new
drwxr-xr-x 3 ese-jianglj ese-ouycc   4096 Dec  6 18:14 writing_new_from_zip
-rw-r--r-- 1 ese-jianglj ese-ouycc 845354 Dec  8 10:27 writing_new.zip
[ese-jianglj@login02 data_demo]$
```
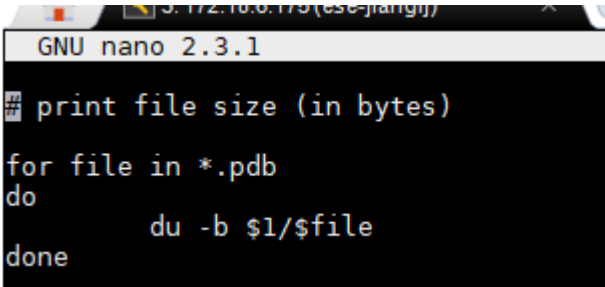
（右边有个红框框在闪，但又不知道哪里出错）

1.10

```
[ese-jianglj@login02 data_demo]$ history | tail
  227  zip -q -r writing_new.zip writing_new
  228  ls
  229  unzip -q writing_new.zip -d writing_new_from_zip
  230  ls
  231  ll
  232  ls -l
  233  chmod 744 wirting_new
  234  chmod 710 writing_new
  235  ls -l
  236  history | tail
[ese-jianglj@login02 data_demo]$ history | tail -n 10
  228  ls
  229  unzip -q writing_new.zip -d writing_new_from_zip
  230  ls
  231  ll
  232  ls -l
  233  chmod 744 wirting_new
  234  chmod 710 writing_new
  235  ls -l
  236  history | tail
  237  history | tail -n 10
[ese-jianglj@login02 data_demo]$
```

2.

```
[ese-jianglj@login02 pdb]$ nano file_size.sh
[ese-jianglj@login02 pdb]$ ./file_size.sh ~/data_demo/data/pdb
1516    /work/ese-jianglj/data_demo/data/pdb/aldrin.pdb
306     /work/ese-jianglj/data_demo/data/pdb/ammonia.pdb
1444    /work/ese-jianglj/data_demo/data/pdb/ascorbic-acid.pdb
1030    /work/ese-jianglj/data_demo/data/pdb/benzaldehyde.pdb
1830    /work/ese-jianglj/data_demo/data/pdb/camphene.pdb
5049    /work/ese-jianglj/data_demo/data/pdb/cholesterol.pdb
1090    /work/ese-jianglj/data_demo/data/pdb/cinnamaldehyde.pdb
1694    /work/ese-jianglj/data_demo/data/pdb/citronellal.pdb
2452    /work/ese-jianglj/data_demo/data/pdb/codeine.pdb
1158    /work/ese-jianglj/data_demo/data/pdb/cubane.pdb
895     /work/ese-jianglj/data_demo/data/pdb/cyclobutane.pdb
1384    /work/ese-jianglj/data_demo/data/pdb/cyclohexanol.pdb
695     /work/ese-jianglj/data_demo/data/pdb/cyclopropane.pdb
622     /work/ese-jianglj/data_demo/data/pdb/ethane.pdb
690     /work/ese-jianglj/data_demo/data/pdb/ethanol.pdb
2396    /work/ese-jianglj/data_demo/data/pdb/ethylcyclohexane.pdb
765     /work/ese-jianglj/data_demo/data/pdb/glycol.pdb
4209    /work/ese-jianglj/data_demo/data/pdb/heme.pdb
1064    /work/ese-jianglj/data_demo/data/pdb/lactic-acid.pdb
2562    /work/ese-jianglj/data_demo/data/pdb/lactose.pdb
11193   /work/ese-jianglj/data_demo/data/pdb/lanoxin.pdb
3395    /work/ese-jianglj/data_demo/data/pdb/lsd.pdb
2562    /work/ese-jianglj/data_demo/data/pdb/maltose.pdb
2164    /work/ese-jianglj/data_demo/data/pdb/menthol.pdb
422     /work/ese-jianglj/data_demo/data/pdb/methane.pdb
490     /work/ese-jianglj/data_demo/data/pdb/methanol.pdb
1869    /work/ese-jianglj/data_demo/data/pdb/mint.pdb
2288    /work/ese-jianglj/data_demo/data/pdb/morphine.pdb
2123    /work/ese-jianglj/data_demo/data/pdb/mustard.pdb
1680    /work/ese-jianglj/data_demo/data/pdb/nerol.pdb
2729    /work/ese-jianglj/data_demo/data/pdb/norethindrone.pdb
1828    /work/ese-jianglj/data_demo/data/pdb/octane.pdb
1226    /work/ese-jianglj/data_demo/data/pdb/pentane.pdb
2287    /work/ese-jianglj/data_demo/data/pdb/piperine.pdb
```

```
825     /work/ese-jianglj/data_demo/data/pdb/propane.pdb
1256    /work/ese-jianglj/data_demo/data/pdb/pyridoxal.pdb
3303    /work/ese-jianglj/data_demo/data/pdb/quinine.pdb
2675    /work/ese-jianglj/data_demo/data/pdb/strychnine.pdb
1159    /work/ese-jianglj/data_demo/data/pdb/styrene.pdb
2562    /work/ese-jianglj/data_demo/data/pdb/sucrose.pdb
2787    /work/ese-jianglj/data_demo/data/pdb/testosterone.pdb
2196    /work/ese-jianglj/data_demo/data/pdb/thiamine.pdb
1508    /work/ese-jianglj/data_demo/data/pdb/tnt.pdb
2395    /work/ese-jianglj/data_demo/data/pdb/tuberin.pdb
2103    /work/ese-jianglj/data_demo/data/pdb/tyrian-purple.pdb
1361    /work/ese-jianglj/data_demo/data/pdb/vanillin.pdb
423     /work/ese-jianglj/data_demo/data/pdb/vinyl-chloride.pdb
2894    /work/ese-jianglj/data_demo/data/pdb/vitamin-a.pdb
[ese-jianglj@login02 pdb]$
```

Nano 编辑器上的代码


```
GNU nano 2.3.1

# print file size (in bytes)

for file in *.pdb
do
        du -b $1/$file
done
```