```
d207-023-205-080:Assign4 ShanZhaohui$ ./run
Please enter a command, enter quit to terminate
[Enter a command: ls
.
..
.DS_Store
DSC01011.JPG
t-table.pdf
untitled_folder
Enter a command: ls-l
drwxr-xr-x      7       ShanZhaohui     staff   238     Fri Aug  4 21:22:43 2017        .

drwxr-xr-x      5       ShanZhaohui     staff   170     Tue Aug  1 14:25:24 2017        ..

-rw-r--r--      1       ShanZhaohui     staff   6148    Tue Aug  1 18:14:46 2017        .DS_Store

-rw-r--r--      1       ShanZhaohui     staff   6148    Tue Aug  1 18:14:46 2017        DSC01011.JPG

-rw-r--r--      1       ShanZhaohui     staff   6148    Tue Aug  1 18:14:46 2017        t-table.pdf

-rw-r--r--      1       ShanZhaohui     staff   6148    Tue Aug  1 18:14:46 2017        untitled_folder

Enter a command: ls-i
        3059453 .
        780436  ..
        3059458 .DS_Store
        3059475 DSC01011.JPG
        3059469 t-table.pdf
        3059457 untitled_folder
Enter a command: ls-R
        .
        ..
        .DS_Store
        DSC01011.JPG
        t-table.pdf
        untitled_folder

        untitled_folder:
        .
        ..
        mleaf.jpg
Enter a command:
```

```
Enter a command: ls-li
3059453    drwxr-xr-x    7   ShanZhaohui    staff    238    Fri Aug  4 21:22:43 2017    .

780436     drwxr-xr-x    5   ShanZhaohui    staff    170    Tue Aug  1 14:25:24 2017    ..

3059458    -rw-r--r--    1   ShanZhaohui    staff 6148    Tue Aug  1 18:14:46 2017    .DS_Store

3059475    -rw-r--r--    1   ShanZhaohui    staff 6148    Tue Aug  1 18:14:46 2017    DSC01011.JPG

3059469    -rw-r--r--    1   ShanZhaohui    staff 6148    Tue Aug  1 18:14:46 2017    t-table.pdf

3059457    -rw-r--r--    1   ShanZhaohui    staff 6148    Tue Aug  1 18:14:46 2017    untitled_folder
Enter a command: ls-il
3059453    drwxr-xr-x    7   ShanZhaohui    staff    238    Fri Aug  4 21:22:43 2017    .

780436     drwxr-xr-x    5   ShanZhaohui    staff    170    Tue Aug  1 14:25:24 2017    ..

3059458    -rw-r--r--    1   ShanZhaohui    staff 6148    Tue Aug  1 18:14:46 2017    .DS_Store

3059475    -rw-r--r--    1   ShanZhaohui    staff 6148    Tue Aug  1 18:14:46 2017    DSC01011.JPG
[
3059469    -rw-r--r--    1   ShanZhaohui    staff 6148    Tue Aug  1 18:14:46 2017    t-table.pdf
[
3059457    -rw-r--r--    1   ShanZhaohui    staff 6148    Tue Aug  1 18:14:46 2017    untitled_folder
```

```
Enter a command: ls-lR
drwxr-xr-x      7      ShanZhaohui      staff      238      Fri Aug  4 21:22:43 2017      .

drwxr-xr-x      5      ShanZhaohui      staff      170      Tue Aug  1 14:25:24 2017      ..

-rw-r--r--      1      ShanZhaohui      staff      6148     Tue Aug  1 18:14:46 2017      .DS_Store

-rw-r--r--      1      ShanZhaohui      staff      6148     Tue Aug  1 18:14:46 2017      DSC01011.JPG

-rw-r--r--      1      ShanZhaohui      staff      6148     Tue Aug  1 18:14:46 2017      t-table.pdf

-rw-r--r--      1      ShanZhaohui      staff      6148     Tue Aug  1 18:14:46 2017      untitled_folder


untitled_folder:
drwxr-xr-x   7   ShanZhaohui   staff   238   Fri Aug  4 21:22:43 2017   .

drwxr-xr-x   5   ShanZhaohui   staff   170   Tue Aug  1 14:25:24 2017   ..

drwxr-xr-x   5   ShanZhaohui   staff   170   Tue Aug  1 14:25:24 2017   mleaf.jpg
Enter a command: ls-Rl
drwxr-xr-x      7   ShanZhaohui   staff   238      Fri Aug  4 21:22:43 2017      .

drwxr-xr-x      5   ShanZhaohui      staff   170      Tue Aug  1 14:25:24 2017      ..

-rw-r--r--      1   ShanZhaohui      staff   6148     Tue Aug  1 18:14:46 2017      .DS_Store

-rw-r--r--      1   ShanZhaohui      staff   6148     Tue Aug  1 18:14:46 2017      DSC01011.JPG

-rw-r--r--      1   ShanZhaohui      staff   6148     Tue Aug  1 18:14:46 2017      t-table.pdf

-rw-r--r--      1   ShanZhaohui      staff   6148     Tue Aug  1 18:14:46 2017      untitled_folder


untitled_folder:
drwxr-xr-x   7   ShanZhaohui   staff   238   Fri Aug  4 21:22:43 2017   .

drwxr-xr-x   5   ShanZhaohui   staff   170   Tue Aug  1 14:25:24 2017   ..

drwxr-xr-x   5   ShanZhaohui   staff   170   Tue Aug  1 14:25:24 2017   mleaf.jpg
```

```
Enter a command: ls-iR
3059453 .
780436  ..
3059458 .DS_Store
3059475 DSC01011.JPG
3059469 t-table.pdf
3059457 untitled_folder

        untitled_folder:
3059457 .
3059453 ..
3059462 mleaf.jpg
Enter a command: ls-Ri
3059453 .
780436  ..
3059458 .DS_Store
3059475 DSC01011.JPG
3059469 t-table.pdf
3059457 untitled_folder

        untitled_folder:
3059457 .
3059453 ..
3059462 mleaf.jpg
Enter a command: 
```

```
Enter a command: ls-liR
3059453    drwxr-xr-x    7    ShanZhaohui    staff   238    Fri Aug   4 21:22:43 2017    .

780436     drwxr-xr-x    5    ShanZhaohui    staff   170    Tue Aug   1 14:25:24 2017    ..

3059458    -rw-r--r--    1    ShanZhaohui    staff 6148    Tue Aug   1 18:14:46 2017    .DS_Store

3059475    -rw-r--r--    1    ShanZhaohui    staff 6148    Tue Aug   1 18:14:46 2017    DSC01011.JPG

3059469    -rw-r--r--    1    ShanZhaohui    staff 6148    Tue Aug   1 18:14:46 2017    t-table.pdf

3059457    -rw-r--r--    1    ShanZhaohui    staff 6148    Tue Aug   1 18:14:46 2017    untitled_folder


untitled_folder:
3059457    drwxr-xr-x    7    ShanZhaohui    staff   238    Fri Aug   4 21:22:43 2017    .

3059453    drwxr-xr-x    5    ShanZhaohui    staff   170    Tue Aug   1 14:25:24 2017    ..

3059462    drwxr-xr-x    5    ShanZhaohui    staff   170    Tue Aug   1 14:25:24 2017    mleaf.jpg
Enter a command: ls-lRi
3059453    drwxr-xr-x    7    ShanZhaohui    staff   238    Fri Aug   4 21:22:43 2017    .

780436     drwxr-xr-x    5    ShanZhaohui    staff   170    Tue Aug   1 14:25:24 2017    ..

3059458    -rw-r--r--    1    ShanZhaohui    staff 6148    Tue Aug   1 18:14:46 2017    .DS_Store

3059475    -rw-r--r--    1    ShanZhaohui    staff 6148    Tue Aug   1 18:14:46 2017    DSC01011.JPG

3059469    -rw-r--r--    1    ShanZhaohui    staff 6148    Tue Aug   1 18:14:46 2017    t-table.pdf

3059457    -rw-r--r--    1    ShanZhaohui    staff 6148    Tue Aug   1 18:14:46 2017    untitled_folder


untitled_folder:
3059457    drwxr-xr-x    7    ShanZhaohui    staff   238    Fri Aug   4 21:22:43 2017    .

3059453    drwxr-xr-x    5    ShanZhaohui    staff   170    Tue Aug   1 14:25:24 2017    ..

3059462    drwxr-xr-x    5    ShanZhaohui    staff   170    Tue Aug   1 14:25:24 2017    mleaf.jpg
```

```
Enter a command: ls-ilR
3059453   drwxr-xr-x   7   ShanZhaohui   staff   238   Fri Aug  4 21:22:43 2017   .

780436    drwxr-xr-x   5   ShanZhaohui   staff   170   Tue Aug  1 14:25:24 2017   ..

3059458   -rw-r--r--   1   ShanZhaohui   staff 6148   Tue Aug  1 18:14:46 2017   .DS_Store

3059475   -rw-r--r--   1   ShanZhaohui   staff 6148   Tue Aug  1 18:14:46 2017   DSC01011.JPG

3059469   -rw-r--r--   1   ShanZhaohui   staff 6148   Tue Aug  1 18:14:46 2017   t-table.pdf

3059457   -rw-r--r--   1   ShanZhaohui   staff 6148   Tue Aug  1 18:14:46 2017   untitled_folder


untitled_folder:
3059457   drwxr-xr-x   7   ShanZhaohui   staff   238   Fri Aug  4 21:22:43 2017   .

3059453   drwxr-xr-x   5   ShanZhaohui   staff   170   Tue Aug  1 14:25:24 2017   ..

3059462   drwxr-xr-x   5   ShanZhaohui   staff   170   Tue Aug  1 14:25:24 2017   mleaf.jpg
Enter a command: ls-iRl
3059453   drwxr-xr-x   7   ShanZhaohui   staff   238   Fri Aug  4 21:22:43 2017   .

780436    drwxr-xr-x   5   ShanZhaohui   staff   170   Tue Aug  1 14:25:24 2017   ..

3059458   -rw-r--r--   1   ShanZhaohui   staff 6148   Tue Aug  1 18:14:46 2017   .DS_Store

3059475   -rw-r--r--   1   ShanZhaohui   staff 6148   Tue Aug  1 18:14:46 2017   DSC01011.JPG

3059469   -rw-r--r--   1   ShanZhaohui   staff 6148   Tue Aug  1 18:14:46 2017   t-table.pdf

3059457   -rw-r--r--   1   ShanZhaohui   staff 6148   Tue Aug  1 18:14:46 2017   untitled_folder


untitled_folder:
3059457   drwxr-xr-x   7   ShanZhaohui   staff   238   Fri Aug  4 21:22:43 2017   .

3059453   drwxr-xr-x   5   ShanZhaohui   staff   170   Tue Aug  1 14:25:24 2017   ..

3059462   drwxr-xr-x   5   ShanZhaohui   staff   170   Tue Aug  1 14:25:24 2017   mleaf.jpg
```

```
Enter a command: ls-Rli
3059453    drwxr-xr-x   7   ShanZhaohui   staff  238    Fri Aug  4 21:22:43 2017   .

780436     drwxr-xr-x   5   ShanZhaohui   staff  170    Tue Aug  1 14:25:24 2017   ..

3059458    -rw-r--r--   1   ShanZhaohui   staff 6148    Tue Aug  1 18:14:46 2017   .DS_Store

3059475    -rw-r--r--   1   ShanZhaohui   staff 6148    Tue Aug  1 18:14:46 2017   DSC01011.JPG

3059469    -rw-r--r--   1   ShanZhaohui   staff 6148    Tue Aug  1 18:14:46 2017   t-table.pdf

3059457    -rw-r--r--   1   ShanZhaohui   staff 6148    Tue Aug  1 18:14:46 2017   untitled_folder


untitled_folder:
3059457    drwxr-xr-x   7   ShanZhaohui   staff  238    Fri Aug  4 21:22:43 2017   .

3059453    drwxr-xr-x   5   ShanZhaohui   staff  170    Tue Aug  1 14:25:24 2017   ..

3059462    drwxr-xr-x   5   ShanZhaohui   staff  170    Tue Aug  1 14:25:24 2017   mleaf.jpg
Enter a command: ls-Ril
3059453    drwxr-xr-x   7   ShanZhaohui   staff  238    Fri Aug  4 21:22:43 2017   .

780436     drwxr-xr-x   5   ShanZhaohui   staff  170    Tue Aug  1 14:25:24 2017   ..

3059458    -rw-r--r--   1   ShanZhaohui   staff 6148    Tue Aug  1 18:14:46 2017   .DS_Store

3059475    -rw-r--r--   1   ShanZhaohui   staff 6148    Tue Aug  1 18:14:46 2017   DSC01011.JPG

3059469    -rw-r--r--   1   ShanZhaohui   staff 6148    Tue Aug  1 18:14:46 2017   t-table.pdf

3059457    -rw-r--r--   1   ShanZhaohui   staff 6148    Tue Aug  1 18:14:46 2017   untitled_folder


untitled_folder:
3059457    drwxr-xr-x   7   ShanZhaohui   staff  238    Fri Aug  4 21:22:43 2017   .

3059453    drwxr-xr-x   5   ShanZhaohui   staff  170    Tue Aug  1 14:25:24 2017   ..

3059462    drwxr-xr-x   5   ShanZhaohui   staff  170    Tue Aug  1 14:25:24 2017   mleaf.jpg

Enter a command: quit
d207-023-205-080:Assign4 ShanZhaohui$
```