

Aiana_USK_06_file1

April 24, 2020

```
[1]: ls
```

```
2nd_ver.ipynb  'Fullmetal Alchemist.ipynb'  myoutput2      z.jpg
9Apr_cw.ipynb  myoutput                     sampledata.txt  .PNG
```

```
[2]: ls | head -3
```

```
2nd_ver.ipynb
9Apr_cw.ipynb
Fullmetal Alchemist.ipynb
```

```
[3]: ls | tail -3
```

```
sampledata.txt
z.jpg
.PNG
```

```
[5]: ls | head -3 | tail -2
```

```
9Apr_cw.ipynb
Fullmetal Alchemist.ipynb
```

```
[6]: ls | head -3 | tail -2 >> pipework
```

```
[7]: cat pipework
```

```
9Apr_cw.ipynb
Fullmetal Alchemist.ipynb
```

```
[8]: ls -l /home
```

```
total 124
drwxr-xr-x 12 azat                azat                4096 Mar 18
01:23 azat
drwxr-x---  8 jupyter-admin       jupyter-admin       4096 Apr  9
16:35 jupyter-admin
drwxr-x--- 10 jupyter-aiana178    jupyter-aiana178   4096 Apr 14
02:32 jupyter-aiana178
drwxr-x--- 10 jupyter-aigerimunisat jupyter-aigerimunisat 4096 Apr  3
```

19:25 jupyter-aigerimunisat		
drwxr-x--- 8 jupyter-aizadait	jupyter-aizadait	4096 Mar 28
01:17 jupyter-aizadait		
drwxr-x--- 10 jupyter-amayakof	jupyter-amayakof	4096 Apr 11
13:24 jupyter-amayakof		
drwxr-x--- 7 jupyter-amirkhan	jupyter-amirkhan	4096 Mar 21
13:40 jupyter-amirkhan		
drwxr-x--- 4 jupyter-arayka	jupyter-arayka	4096 Mar 18
17:22 jupyter-arayka		
drwxr-x--- 8 jupyter-aruzhan149	jupyter-aruzhan149	4096 Apr 12
19:13 jupyter-aruzhan149		
drwxr-x--- 7 jupyter-aselleon	jupyter-aselleon	4096 Mar 23
19:08 jupyter-aselleon		
drwxr-x--- 12 jupyter-azat	jupyter-azat	4096 Mar 23
22:20 jupyter-azat		
drwxr-x--- 11 jupyter-cubefiction	jupyter-cubefiction	4096 Apr 9
17:01 jupyter-cubefiction		
drwxr-x--- 12 jupyter-danenok	jupyter-danenok	4096 Apr 8
18:44 jupyter-danenok		
drwxr-x--- 7 jupyter-darganius	jupyter-darganius	4096 Mar 23
12:19 jupyter-darganius		
drwxr-x--- 10 jupyter-ekdana	jupyter-ekdana	4096 Apr 4
15:43 jupyter-ekdana		
drwxr-x--- 11 jupyter-inkar601	jupyter-inkar601	4096 Apr 11
13:03 jupyter-inkar601		
drwxr-x--- 11 jupyter-kkenzh	jupyter-kkenzh	4096 Apr 9
18:49 jupyter-kkenzh		
drwxr-x--- 10 jupyter-nazymungarova	jupyter-nazymungarova	4096 Apr 8
16:03 jupyter-nazymungarova		
drwxr-x--- 7 jupyter-nuray.serkali	jupyter-nuray.serkali	4096 Mar 19
17:09 jupyter-nuray.serkali		
drwxr-x--- 7 jupyter-nurike	jupyter-nurike	4096 Mar 24
04:56 jupyter-nurike		
drwxr-x--- 8 jupyter-nurlaura	jupyter-nurlaura	4096 Mar 28
00:09 jupyter-nurlaura		
drwxr-x--- 9 jupyter-nurlaura2	jupyter-nurlaura2	4096 Apr 9
14:36 jupyter-nurlaura2		
drwxr-x--- 13 jupyter-official-nanakai	jupyter-official-nanakai	4096 Apr 10
22:38 jupyter-official-nanakai		
drwxr-x--- 11 jupyter-orissim	jupyter-orissim	4096 Apr 8
23:57 jupyter-orissim		
drwxr-x--- 9 jupyter-tsagynysh	jupyter-tsagynysh	4096 Apr 9
02:22 jupyter-tsagynysh		
drwxr-x--- 15 jupyter-unisat	jupyter-unisat	4096 Apr 2
17:10 jupyter-unisat		
drwxr-x--- 13 jupyter-unisatkz	jupyter-unisatkz	4096 Apr 11
13:22 jupyter-unisatkz		
drwxr-x--- 4 jupyter-yeldana	jupyter-yeldana	4096 Mar 23

```

16:17 jupyter-yeldana
drwxr-x--- 5 jupyter-zhandos      jupyter-zhandos      4096 Mar 23
12:19 jupyter-zhandos
drwxr-x--- 8 jupyter-zhanelbaltabay jupyter-zhanelbaltabay 4096 Apr 4
10:22 jupyter-zhanelbaltabay
drwxr-x--- 12 jupyter-zhannaspace   jupyter-zhannaspace   4096 Apr 10
18:17 jupyter-zhannaspace

```

```
[11]: ls -l /home | tail -n +2 | sort
```

```

drwxr-x--- 10 jupyter-aiana178      jupyter-aiana178      4096 Apr 14
02:32 jupyter-aiana178
drwxr-x--- 10 jupyter-aigerimunisat  jupyter-aigerimunisat 4096 Apr 3
19:25 jupyter-aigerimunisat
drwxr-x--- 10 jupyter-amayakof       jupyter-amayakof      4096 Apr 11
13:24 jupyter-amayakof
drwxr-x--- 10 jupyter-ekdana         jupyter-ekdana        4096 Apr 4
15:43 jupyter-ekdana
drwxr-x--- 10 jupyter-nazymungarova  jupyter-nazymungarova 4096 Apr 8
16:03 jupyter-nazymungarova
drwxr-x--- 11 jupyter-cubefiction    jupyter-cubefiction   4096 Apr 9
17:01 jupyter-cubefiction
drwxr-x--- 11 jupyter-inkar601       jupyter-inkar601      4096 Apr 11
13:03 jupyter-inkar601
drwxr-x--- 11 jupyter-kkenzh        jupyter-kkenzh        4096 Apr 9
18:49 jupyter-kkenzh
drwxr-x--- 11 jupyter-orissim        jupyter-orissim       4096 Apr 8
23:57 jupyter-orissim
drwxr-x--- 12 jupyter-azat           jupyter-azat          4096 Mar 23
22:20 jupyter-azat
drwxr-x--- 12 jupyter-danenok        jupyter-danenok       4096 Apr 8
18:44 jupyter-danenok
drwxr-x--- 12 jupyter-zhannaspace    jupyter-zhannaspace   4096 Apr 10
18:17 jupyter-zhannaspace
drwxr-x--- 13 jupyter-official-nanakai jupyter-official-nanakai 4096 Apr 10
22:38 jupyter-official-nanakai
drwxr-x--- 13 jupyter-unisatkz       jupyter-unisatkz      4096 Apr 11
13:22 jupyter-unisatkz
drwxr-x--- 15 jupyter-unisat         jupyter-unisat        4096 Apr 2
17:10 jupyter-unisat
drwxr-x--- 4 jupyter-arayka          jupyter-arayka        4096 Mar 18
17:22 jupyter-arayka
drwxr-x--- 4 jupyter-yeldana         jupyter-yeldana       4096 Mar 23
16:17 jupyter-yeldana
drwxr-x--- 5 jupyter-zhandos         jupyter-zhandos       4096 Mar 23
12:19 jupyter-zhandos
drwxr-x--- 7 jupyter-amirkhan        jupyter-amirkhan      4096 Mar 21
13:40 jupyter-amirkhan

```

drwxr-x---	7	jupyter-aselleon	jupyter-aselleon	4096	Mar	23
19:08 jupyter-aselleon						
drwxr-x---	7	jupyter-darganius	jupyter-darganius	4096	Mar	23
12:19 jupyter-darganius						
drwxr-x---	7	jupyter-nuray.serkali	jupyter-nuray.serkali	4096	Mar	19
17:09 jupyter-nuray.serkali						
drwxr-x---	7	jupyter-nurike	jupyter-nurike	4096	Mar	24
04:56 jupyter-nurike						
drwxr-x---	8	jupyter-admin	jupyter-admin	4096	Apr	9
16:35 jupyter-admin						
drwxr-x---	8	jupyter-aizadait	jupyter-aizadait	4096	Mar	28
01:17 jupyter-aizadait						
drwxr-x---	8	jupyter-aruzhan149	jupyter-aruzhan149	4096	Apr	12
19:13 jupyter-aruzhan149						
drwxr-x---	8	jupyter-nurlaura	jupyter-nurlaura	4096	Mar	28
00:09 jupyter-nurlaura						
drwxr-x---	8	jupyter-zhanelbaltabay	jupyter-zhanelbaltabay	4096	Apr	4
10:22 jupyter-zhanelbaltabay						
drwxr-x---	9	jupyter-nurlaura2	jupyter-nurlaura2	4096	Apr	9
14:36 jupyter-nurlaura2						
drwxr-x---	9	jupyter-tsagynysh	jupyter-tsagynysh	4096	Apr	9
02:22 jupyter-tsagynysh						
drwxr-xr-x	12	azat	azat	4096	Mar	18
01:23 azat						

```
[12]: ls -l /home | tail -n -2 | sort
```

drwxr-x---	12	jupyter-zhannaspac	jupyter-zhannaspac	4096	Apr	10
18:17 jupyter-zhannaspac						
drwxr-x---	8	jupyter-zhanelbaltabay	jupyter-zhanelbaltabay	4096	Apr	4
10:22 jupyter-zhanelbaltabay						

```
[13]: ls -l /home | tail -n -2
```

drwxr-x---	8	jupyter-zhanelbaltabay	jupyter-zhanelbaltabay	4096	Apr	4
10:22 jupyter-zhanelbaltabay						
drwxr-x---	12	jupyter-zhannaspac	jupyter-zhannaspac	4096	Apr	10
18:17 jupyter-zhannaspac						

```
[14]: ls -l /home | tail -2
```

drwxr-x---	8	jupyter-zhanelbaltabay	jupyter-zhanelbaltabay	4096	Apr	4
10:22 jupyter-zhanelbaltabay						
drwxr-x---	12	jupyter-zhannaspac	jupyter-zhannaspac	4096	Apr	10
18:17 jupyter-zhannaspac						

```
[15]: ls -l /home | tail -n +2
```

drwxr-xr-x 12 azat	azat	4096 Mar 18
01:23 azat		
drwxr-x--- 8 jupyter-admin	jupyter-admin	4096 Apr 9
16:35 jupyter-admin		
drwxr-x--- 10 jupyter-aiana178	jupyter-aiana178	4096 Apr 14
02:32 jupyter-aiana178		
drwxr-x--- 10 jupyter-aigerimunisat	jupyter-aigerimunisat	4096 Apr 3
19:25 jupyter-aigerimunisat		
drwxr-x--- 8 jupyter-aizadait	jupyter-aizadait	4096 Mar 28
01:17 jupyter-aizadait		
drwxr-x--- 10 jupyter-amayakof	jupyter-amayakof	4096 Apr 11
13:24 jupyter-amayakof		
drwxr-x--- 7 jupyter-amirkhan	jupyter-amirkhan	4096 Mar 21
13:40 jupyter-amirkhan		
drwxr-x--- 4 jupyter-arayka	jupyter-arayka	4096 Mar 18
17:22 jupyter-arayka		
drwxr-x--- 8 jupyter-aruzhan149	jupyter-aruzhan149	4096 Apr 12
19:13 jupyter-aruzhan149		
drwxr-x--- 7 jupyter-aselleon	jupyter-aselleon	4096 Mar 23
19:08 jupyter-aselleon		
drwxr-x--- 12 jupyter-azat	jupyter-azat	4096 Mar 23
22:20 jupyter-azat		
drwxr-x--- 11 jupyter-cubefiction	jupyter-cubefiction	4096 Apr 9
17:01 jupyter-cubefiction		
drwxr-x--- 12 jupyter-danenok	jupyter-danenok	4096 Apr 8
18:44 jupyter-danenok		
drwxr-x--- 7 jupyter-darganius	jupyter-darganius	4096 Mar 23
12:19 jupyter-darganius		
drwxr-x--- 10 jupyter-ekdana	jupyter-ekdana	4096 Apr 4
15:43 jupyter-ekdana		
drwxr-x--- 11 jupyter-inkar601	jupyter-inkar601	4096 Apr 11
13:03 jupyter-inkar601		
drwxr-x--- 11 jupyter-kkenzh	jupyter-kkenzh	4096 Apr 9
18:49 jupyter-kkenzh		
drwxr-x--- 10 jupyter-nazymungarova	jupyter-nazymungarova	4096 Apr 8
16:03 jupyter-nazymungarova		
drwxr-x--- 7 jupyter-nuray.serkali	jupyter-nuray.serkali	4096 Mar 19
17:09 jupyter-nuray.serkali		
drwxr-x--- 7 jupyter-nurike	jupyter-nurike	4096 Mar 24
04:56 jupyter-nurike		
drwxr-x--- 8 jupyter-nurlaura	jupyter-nurlaura	4096 Mar 28
00:09 jupyter-nurlaura		
drwxr-x--- 9 jupyter-nurlaura2	jupyter-nurlaura2	4096 Apr 9
14:36 jupyter-nurlaura2		
drwxr-x--- 13 jupyter-official-nanakai	jupyter-official-nanakai	4096 Apr 10
22:38 jupyter-official-nanakai		
drwxr-x--- 11 jupyter-orissim	jupyter-orissim	4096 Apr 8
23:57 jupyter-orissim		

drwxr-x---	9	jupyter-tsagynysh	jupyter-tsagynysh	4096	Apr	9
02:22 jupyter-tsagynysh						
drwxr-x---	15	jupyter-unisat	jupyter-unisat	4096	Apr	2
17:10 jupyter-unisat						
drwxr-x---	13	jupyter-unisatkz	jupyter-unisatkz	4096	Apr	11
13:22 jupyter-unisatkz						
drwxr-x---	4	jupyter-yeldana	jupyter-yeldana	4096	Mar	23
16:17 jupyter-yeldana						
drwxr-x---	5	jupyter-zhandos	jupyter-zhandos	4096	Mar	23
12:19 jupyter-zhandos						
drwxr-x---	8	jupyter-zhanelbaltabay	jupyter-zhanelbaltabay	4096	Apr	4
10:22 jupyter-zhanelbaltabay						
drwxr-x---	12	jupyter-zhannaspace	jupyter-zhannaspace	4096	Apr	10
18:17 jupyter-zhannaspace						

[16]: `ls -l /home | tail -n +10`

drwxr-x---	8	jupyter-aruzhan149	jupyter-aruzhan149	4096	Apr	12
19:13 jupyter-aruzhan149						
drwxr-x---	7	jupyter-aselleon	jupyter-aselleon	4096	Mar	23
19:08 jupyter-aselleon						
drwxr-x---	12	jupyter-azat	jupyter-azat	4096	Mar	23
22:20 jupyter-azat						
drwxr-x---	11	jupyter-cubefiction	jupyter-cubefiction	4096	Apr	9
17:01 jupyter-cubefiction						
drwxr-x---	12	jupyter-danenok	jupyter-danenok	4096	Apr	8
18:44 jupyter-danenok						
drwxr-x---	7	jupyter-darganius	jupyter-darganius	4096	Mar	23
12:19 jupyter-darganius						
drwxr-x---	10	jupyter-ekdana	jupyter-ekdana	4096	Apr	4
15:43 jupyter-ekdana						
drwxr-x---	11	jupyter-inkar601	jupyter-inkar601	4096	Apr	11
13:03 jupyter-inkar601						
drwxr-x---	11	jupyter-kkenzh	jupyter-kkenzh	4096	Apr	9
18:49 jupyter-kkenzh						
drwxr-x---	10	jupyter-nazymungarova	jupyter-nazymungarova	4096	Apr	8
16:03 jupyter-nazymungarova						
drwxr-x---	7	jupyter-nuray.serkali	jupyter-nuray.serkali	4096	Mar	19
17:09 jupyter-nuray.serkali						
drwxr-x---	7	jupyter-nurike	jupyter-nurike	4096	Mar	24
04:56 jupyter-nurike						
drwxr-x---	8	jupyter-nurlaura	jupyter-nurlaura	4096	Mar	28
00:09 jupyter-nurlaura						
drwxr-x---	9	jupyter-nurlaura2	jupyter-nurlaura2	4096	Apr	9
14:36 jupyter-nurlaura2						
drwxr-x---	13	jupyter-official-nanakai	jupyter-official-nanakai	4096	Apr	10
22:38 jupyter-official-nanakai						
drwxr-x---	11	jupyter-orissim	jupyter-orissim	4096	Apr	8

```

23:57 jupyter-orissim
drwxr-x---  9 jupyter-tsagynysh      jupyter-tsagynysh      4096 Apr  9
02:22 jupyter-tsagynysh
drwxr-x--- 15 jupyter-unisat         jupyter-unisat         4096 Apr  2
17:10 jupyter-unisat
drwxr-x--- 13 jupyter-unisatkz       jupyter-unisatkz       4096 Apr 11
13:22 jupyter-unisatkz
drwxr-x---  4 jupyter-yeldana        jupyter-yeldana        4096 Mar 23
16:17 jupyter-yeldana
drwxr-x---  5 jupyter-zhandos        jupyter-zhandos        4096 Mar 23
12:19 jupyter-zhandos
drwxr-x---  8 jupyter-zhanelbaltabay jupyter-zhanelbaltabay 4096 Apr  4
10:22 jupyter-zhanelbaltabay
drwxr-x--- 12 jupyter-zhannaspac     jupyter-zhannaspac     4096 Apr 10
18:17 jupyter-zhannaspac

```

```
[ ]: tail -n +8 | egrep 'oranges' sampledata.txt
```

```

Susy oranges 5
Susy oranges 5
Susy oranges 5
Terry oranges 9
Susy oranges 12

```

```
[1]: tail -n +8 sampledata.txt | egrep 'oranges' sampledata.txt
```

```

Susy oranges 5
Susy oranges 5
Susy oranges 5
Terry oranges 9
Susy oranges 12

```

```
[13]: ls -l /home | tail -n +2 | head
```

```

drwxr-xr-x 12 azat                  azat                    4096 Mar 18
01:23 azat
drwxr-x---  8 jupyter-admin         jupyter-admin          4096 Apr  9
16:35 jupyter-admin
drwxr-x--- 10 jupyter-aiana178      jupyter-aiana178      4096 Apr 14
02:32 jupyter-aiana178
drwxr-x--- 11 jupyter-aigerimunisat jupyter-aigerimunisat 4096 Apr 14
19:24 jupyter-aigerimunisat
drwxr-x---  8 jupyter-aizadait      jupyter-aizadait      4096 Mar 28
01:17 jupyter-aizadait
drwxr-x--- 10 jupyter-amayakof      jupyter-amayakof      4096 Apr 11
13:24 jupyter-amayakof
drwxr-x---  7 jupyter-amirkhan      jupyter-amirkhan      4096 Mar 21
13:40 jupyter-amirkhan

```

```

drwxr-x---  4 jupyter-arayka          jupyter-arayka          4096 Mar 18
17:22 jupyter-arayka
drwxr-x---  8 jupyter-aruzhan149       jupyter-aruzhan149      4096 Apr 12
19:13 jupyter-aruzhan149
drwxr-x---  7 jupyter-aselleon         jupyter-aselleon        4096 Mar 23
19:08 jupyter-aselleon

```

[14]: `ls -l`

```

total 272
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 12035 Apr 14 02:47
2nd_ver.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 193217 Apr 14 02:47
9Apr_cw.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 19422 Apr 15 04:31 'Fullmetal
Alchemist.ipynb'
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 162 Apr 14 00:15 myoutput
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 2 Apr 14 00:22 myoutput2
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 40 Apr 14 02:36 pipework
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 277 Apr 14 02:47
sampledata.txt
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 410 Apr 15 04:31
Untitled.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 0 Apr 14 00:14 z.jpg
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 25043 Apr 9 17:10 .PNG

```

[20]: `ls -l | tail -n +2`

```

-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 12035 Apr 14 02:47 2nd_ver.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 193217 Apr 14 02:47 9Apr_cw.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 20985 Apr 15 04:33 Fullmetal
Alchemist.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 162 Apr 14 00:15 myoutput
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 2 Apr 14 00:22 myoutput2
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 40 Apr 14 02:36 pipework
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 277 Apr 14 02:47
sampledata.txt
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 410 Apr 15 04:31
Untitled.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 0 Apr 14 00:14 z.jpg
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 25043 Apr 9 17:10 .PNG

```

[19]: `ls -l | head -n +2`

```

total 276
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 12035 Apr 14 02:47 2nd_ver.ipynb

```

[29]: `ls -l | tail -n`


```
tail: option requires an argument -- 'n'
Try 'tail --help' for more information.
ls: write error: Broken pipe
```

```
[30]: ls -l | tail
```

```
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 12035 Apr 14 02:47 2nd_ver.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 193217 Apr 14 02:47 9Apr_cw.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 23207 Apr 15 04:35 Fullmetal
Alchemist.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 162 Apr 14 00:15 myoutput
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 2 Apr 14 00:22 myoutput2
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 40 Apr 14 02:36 pipework
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 277 Apr 14 02:47
sampledata.txt
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 410 Apr 15 04:31
Untitled.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 0 Apr 14 00:14 z.jpg
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 25043 Apr 9 17:10 .PNG
```

```
[31]: ls -l | tail -n +1
```

```
total 276
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 12035 Apr 14 02:47 2nd_ver.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 193217 Apr 14 02:47 9Apr_cw.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 23207 Apr 15 04:35 Fullmetal
Alchemist.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 162 Apr 14 00:15 myoutput
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 2 Apr 14 00:22 myoutput2
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 40 Apr 14 02:36 pipework
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 277 Apr 14 02:47
sampledata.txt
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 410 Apr 15 04:31
Untitled.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 0 Apr 14 00:14 z.jpg
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 25043 Apr 9 17:10 .PNG
```

```
[23]: ls -l | head
```

```
total 276
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 12035 Apr 14 02:47 2nd_ver.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 193217 Apr 14 02:47 9Apr_cw.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 23207 Apr 15 04:35 Fullmetal
Alchemist.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 162 Apr 14 00:15 myoutput
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 2 Apr 14 00:22 myoutput2
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 40 Apr 14 02:36 pipework
```

```
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 277 Apr 14 02:47
sampledata.txt
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 410 Apr 15 04:31
Untitled.ipynb
-rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178 0 Apr 14 00:14 z.jpg
```

```
[32]: sort sampledata.txt
```

```
Alfonse 2 bananas
Anne mangoes 7
Betty limes 14
Fred apples 20
Greg pineapples 3
Josh peaches 201
Lisa peaches 7
Mark grapes 39
Mark grapes 39
Mark watermellons 12
Oliver rockmellons 2
Robert pears 4
Susy oranges 12
Susy oranges 5
Susy oranges 5
Susy oranges 5
Terry oranges 9
```

```
[ ]: ls -l | less
```

WARNING: terminal is not fully functional

```
[ ]: ls -l ~ | grep '^.....w'
```

```
[ ]:
```