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 -1 /home
    total 124
                                                                      4096 Mar 18
    drwxr-xr-x 12 azat
                                            azat
    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	3 17			
drwxr-x 10 jupyter-amayakof	jupyter-amayakof	4096	Apr	11
13:24 jupyter-amayakof	3 1 7		•	
drwxr-x 7 jupyter-amirkhan	jupyter-amirkhan	4096	Mar	21
13:40 jupyter-amirkhan	3 17			
drwxr-x 4 jupyter-arayka	jupyter-arayka	4096	Mar	18
17:22 jupyter-arayka	3 1 7			
drwxr-x 8 jupyter-aruzhan149	jupyter-aruzhan149	4096	Apr	12
19:13 jupyter-aruzhan149	3 17		•	
drwxr-x 7 jupyter-aselleon	jupyter-aselleon	4096	Mar	23
19:08 jupyter-aselleon	2-17			
drwxr-x 12 jupyter-azat	jupyter-azat	4096	Mar	23
22:20 jupyter-azat	2-17-1-1			
drwxr-x 11 jupyter-cubefiction	jupyter-cubefiction	4096	Apr	9
17:01 jupyter-cubefiction	Jupy 001 000011001011		p-	
drwxr-x 12 jupyter-danenok	jupyter-danenok	4096	Apr	8
18:44 jupyter-danenok	jupy ser danemen	1000	p-	Ū
drwxr-x 7 jupyter-darganius	jupyter-darganius	4096	Mar	23
12:19 jupyter-darganius	Jupy ver darganrus	1000	Hai	20
drwxr-x 10 jupyter-ekdana	jupyter-ekdana	4096	Anr	4
15:43 jupyter-ekdana	Jupy ver extand	1000	трт	-
drwxr-x 11 jupyter-inkar601	jupyter-inkar601	4096	Anr	11
13:03 jupyter-inkar601	Jupy ter inkaroor	4030	крі	11
	innert on Irlandh	1000		_
		71/1/1/1/16	Anr	
drwxr-x 11 jupyter-kkenzh	jupyter-kkenzh	4096	Apr	9
18:49 jupyter-kkenzh			-	
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova	jupyter-nazymungarova	4096	-	
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova	jupyter-nazymungarova	4096	Apr	8
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali			Apr	8
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali	<pre>jupyter-nazymungarova jupyter-nuray.serkali</pre>	4096 4096	Apr Mar	8 19
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali drwxr-x 7 jupyter-nurike	jupyter-nazymungarova	4096	Apr Mar	8 19
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali drwxr-x 7 jupyter-nurike 04:56 jupyter-nurike	<pre>jupyter-nazymungarova jupyter-nuray.serkali jupyter-nurike</pre>	4096 4096 4096	Apr Mar Mar	8 19 24
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali drwxr-x 7 jupyter-nurike 04:56 jupyter-nurike drwxr-x 8 jupyter-nurlaura	<pre>jupyter-nazymungarova jupyter-nuray.serkali</pre>	4096 4096	Apr Mar Mar	8 19 24
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali drwxr-x 7 jupyter-nurike 04:56 jupyter-nurike drwxr-x 8 jupyter-nurlaura 00:09 jupyter-nurlaura	<pre>jupyter-nazymungarova jupyter-nuray.serkali jupyter-nurike jupyter-nurlaura</pre>	4096 4096 4096 4096	Apr Mar Mar	8 19 24 28
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali drwxr-x 7 jupyter-nurike 04:56 jupyter-nurike drwxr-x 8 jupyter-nurlaura 00:09 jupyter-nurlaura drwxr-x 9 jupyter-nurlaura2	<pre>jupyter-nazymungarova jupyter-nuray.serkali jupyter-nurike</pre>	4096 4096 4096	Apr Mar Mar	8 19 24 28
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali drwxr-x 7 jupyter-nurike 04:56 jupyter-nurike drwxr-x 8 jupyter-nurlaura 00:09 jupyter-nurlaura drwxr-x 9 jupyter-nurlaura2 14:36 jupyter-nurlaura2	<pre>jupyter-nazymungarova jupyter-nuray.serkali jupyter-nurike jupyter-nurlaura jupyter-nurlaura2</pre>	4096 4096 4096 4096 4096	Apr Mar Mar Mar	8 19 24 28 9
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali drwxr-x 7 jupyter-nurike 04:56 jupyter-nurike drwxr-x 8 jupyter-nurlaura 00:09 jupyter-nurlaura drwxr-x 9 jupyter-nurlaura2 14:36 jupyter-nurlaura2 drwxr-x 13 jupyter-official-nanakai	<pre>jupyter-nazymungarova jupyter-nuray.serkali jupyter-nurike jupyter-nurlaura jupyter-nurlaura2</pre>	4096 4096 4096 4096 4096	Apr Mar Mar Mar	8 19 24 28 9
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali drwxr-x 7 jupyter-nurike 04:56 jupyter-nurike drwxr-x 8 jupyter-nurlaura 00:09 jupyter-nurlaura drwxr-x 9 jupyter-nurlaura2 14:36 jupyter-nurlaura2 drwxr-x 13 jupyter-official-nanakai 22:38 jupyter-official-nanakai	<pre>jupyter-nazymungarova jupyter-nuray.serkali jupyter-nurike jupyter-nurlaura jupyter-nurlaura2 jupyter-official-nanakai</pre>	4096 4096 4096 4096 4096	Apr Mar Mar Mar Apr	8 19 24 28 9
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali drwxr-x 7 jupyter-nurike 04:56 jupyter-nurike drwxr-x 8 jupyter-nurlaura 00:09 jupyter-nurlaura drwxr-x 9 jupyter-nurlaura2 14:36 jupyter-nurlaura2 drwxr-x 13 jupyter-official-nanakai 22:38 jupyter-official-nanakai drwxr-x 11 jupyter-orissim	<pre>jupyter-nazymungarova jupyter-nuray.serkali jupyter-nurike jupyter-nurlaura jupyter-nurlaura2</pre>	4096 4096 4096 4096 4096	Apr Mar Mar Mar Apr	8 19 24 28 9
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali drwxr-x 7 jupyter-nurike 04:56 jupyter-nurike drwxr-x 8 jupyter-nurlaura 00:09 jupyter-nurlaura drwxr-x 9 jupyter-nurlaura2 14:36 jupyter-nurlaura2 drwxr-x 13 jupyter-official-nanakai 22:38 jupyter-official-nanakai drwxr-x 11 jupyter-orissim 23:57 jupyter-orissim	<pre>jupyter-nazymungarova jupyter-nuray.serkali jupyter-nurike jupyter-nurlaura jupyter-nurlaura2 jupyter-official-nanakai jupyter-orissim</pre>	4096 4096 4096 4096 4096 4096	Apr Mar Mar Mar Apr Apr	8 19 24 28 9 10 8
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali drwxr-x 7 jupyter-nurike 04:56 jupyter-nurike drwxr-x 8 jupyter-nurlaura 00:09 jupyter-nurlaura drwxr-x 9 jupyter-nurlaura2 14:36 jupyter-nurlaura2 drwxr-x 13 jupyter-official-nanakai 22:38 jupyter-official-nanakai drwxr-x 11 jupyter-orissim 23:57 jupyter-orissim drwxr-x 9 jupyter-tsagynysh	<pre>jupyter-nazymungarova jupyter-nuray.serkali jupyter-nurike jupyter-nurlaura jupyter-nurlaura2 jupyter-official-nanakai</pre>	4096 4096 4096 4096 4096	Apr Mar Mar Mar Apr Apr	8 19 24 28 9 10 8
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali drwxr-x 7 jupyter-nurike 04:56 jupyter-nurike drwxr-x 8 jupyter-nurlaura 00:09 jupyter-nurlaura drwxr-x 9 jupyter-nurlaura2 14:36 jupyter-nurlaura2 drwxr-x 13 jupyter-official-nanakai 22:38 jupyter-official-nanakai drwxr-x 11 jupyter-orissim 23:57 jupyter-orissim drwxr-x 9 jupyter-tsagynysh 02:22 jupyter-tsagynysh	jupyter-nazymungarova jupyter-nuray.serkali jupyter-nurike jupyter-nurlaura jupyter-nurlaura2 jupyter-official-nanakai jupyter-orissim jupyter-tsagynysh	4096 4096 4096 4096 4096 4096 4096	Apr Mar Mar Mar Apr Apr Apr	8 19 24 28 9 10 8
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali drwxr-x 7 jupyter-nurike 04:56 jupyter-nurike drwxr-x 8 jupyter-nurlaura 00:09 jupyter-nurlaura drwxr-x 9 jupyter-nurlaura2 14:36 jupyter-nurlaura2 drwxr-x 13 jupyter-official-nanakai 22:38 jupyter-official-nanakai drwxr-x 11 jupyter-orissim 23:57 jupyter-orissim drwxr-x 9 jupyter-tsagynysh 02:22 jupyter-tsagynysh drwxr-x 15 jupyter-unisat	<pre>jupyter-nazymungarova jupyter-nuray.serkali jupyter-nurike jupyter-nurlaura jupyter-nurlaura2 jupyter-official-nanakai jupyter-orissim</pre>	4096 4096 4096 4096 4096 4096	Apr Mar Mar Mar Apr Apr Apr	8 19 24 28 9 10 8
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali drwxr-x 7 jupyter-nurike 04:56 jupyter-nurike drwxr-x 8 jupyter-nurlaura 00:09 jupyter-nurlaura drwxr-x 9 jupyter-nurlaura2 14:36 jupyter-nurlaura2 drwxr-x 13 jupyter-official-nanakai 22:38 jupyter-official-nanakai drwxr-x 11 jupyter-orissim 23:57 jupyter-orissim drwxr-x 9 jupyter-tsagynysh 02:22 jupyter-tsagynysh drwxr-x 15 jupyter-unisat 17:10 jupyter-unisat	jupyter-nazymungarova jupyter-nuray.serkali jupyter-nurike jupyter-nurlaura jupyter-nurlaura2 jupyter-official-nanakai jupyter-orissim jupyter-tsagynysh jupyter-unisat	4096 4096 4096 4096 4096 4096 4096	Apr Mar Mar Mar Apr Apr Apr	8 19 24 28 9 10 8 9
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali drwxr-x 7 jupyter-nurike 04:56 jupyter-nurike drwxr-x 8 jupyter-nurlaura 00:09 jupyter-nurlaura drwxr-x 9 jupyter-nurlaura2 14:36 jupyter-nurlaura2 drwxr-x 13 jupyter-official-nanakai 22:38 jupyter-official-nanakai drwxr-x 11 jupyter-orissim 23:57 jupyter-orissim drwxr-x 9 jupyter-tsagynysh 02:22 jupyter-tsagynysh drwxr-x 15 jupyter-unisat 17:10 jupyter-unisat drwxr-x 13 jupyter-unisat	jupyter-nazymungarova jupyter-nuray.serkali jupyter-nurike jupyter-nurlaura jupyter-nurlaura2 jupyter-official-nanakai jupyter-orissim jupyter-tsagynysh	4096 4096 4096 4096 4096 4096 4096	Apr Mar Mar Mar Apr Apr Apr	8 19 24 28 9 10 8 9
18:49 jupyter-kkenzh drwxr-x 10 jupyter-nazymungarova 16:03 jupyter-nazymungarova drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali drwxr-x 7 jupyter-nurike 04:56 jupyter-nurike drwxr-x 8 jupyter-nurlaura 00:09 jupyter-nurlaura drwxr-x 9 jupyter-nurlaura2 14:36 jupyter-nurlaura2 drwxr-x 13 jupyter-official-nanakai 22:38 jupyter-official-nanakai drwxr-x 11 jupyter-orissim 23:57 jupyter-orissim drwxr-x 9 jupyter-tsagynysh 02:22 jupyter-tsagynysh drwxr-x 15 jupyter-unisat 17:10 jupyter-unisat	jupyter-nazymungarova jupyter-nuray.serkali jupyter-nurike jupyter-nurlaura jupyter-nurlaura2 jupyter-official-nanakai jupyter-orissim jupyter-tsagynysh jupyter-unisat	4096 4096 4096 4096 4096 4096 4096	Apr Mar Mar Mar Apr Apr Apr Apr	8 19 24 28 9 10 8 9 2

	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 -1 /home tail -n +2 sort				
	drwxr-x 10 jupyter-aiana178	jupyter-aiana178	4096	Anr	14
	02:32 jupyter-aiana178	jupy our uranario	1000	p-	
	drwxr-x 10 jupyter-aigerimunisat	jupyter-aigerimunisat	4096	Apr	3
	19:25 jupyter-aigerimunisat	Jupy 001 01801 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
	drwxr-x 10 jupyter-amayakof	jupyter-amayakof	4096	Apr	11
	13:24 jupyter-amayakof	Jupy vor amayanor	1000	p-	
	drwxr-x 10 jupyter-ekdana	jupyter-ekdana	4096	Apr	4
	15:43 jupyter-ekdana	Jupy von omaana	1000	p-	-
	drwxr-x 10 jupyter-nazymungarova	jupyter-nazymungarova	4096	Apr	8
	16:03 jupyter-nazymungarova	Jupy our many manager over	1000	p-	Ü
	drwxr-x 11 jupyter-cubefiction	jupyter-cubefiction	4096	Apr	9
	17:01 jupyter-cubefiction	jupy our outerious	1000	p-	
	drwxr-x 11 jupyter-inkar601	jupyter-inkar601	4096	Apr	11
	13:03 jupyter-inkar601	Jupy voi immurooi	1000	mp-	
	drwxr-x 11 jupyter-kkenzh	jupyter-kkenzh	4096	Apr	9
	18:49 jupyter-kkenzh	Jupy our intenzir	1000	mp-	
	drwxr-x 11 jupyter-orissim	jupyter-orissim	4096	Apr	8
	23:57 jupyter-orissim	Jupy our orrestm	1000	p-	Ü
	drwxr-x 12 jupyter-azat	jupyter-azat	4096	Mar	23
	22:20 jupyter-azat	2-17-1-1			
	drwxr-x 12 jupyter-danenok	jupyter-danenok	4096	Apr	8
	18:44 jupyter-danenok	2-17-1-1-1-1-1-1		r -	
	drwxr-x 12 jupyter-zhannaspace	jupyter-zhannaspace	4096	Apr	10
	18:17 jupyter-zhannaspace	3-17		1	
	drwxr-x 13 jupyter-official-nanakai	jupyter-official-nanakai	4096	Apr	10
	22:38 jupyter-official-nanakai	3 17		•	
	drwxr-x 13 jupyter-unisatkz	jupyter-unisatkz	4096	Apr	11
	13:22 jupyter-unisatkz	3 17		•	
	drwxr-x 15 jupyter-unisat	jupyter-unisat	4096	Apr	2
	17:10 jupyter-unisat	3 17		1	
	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 12:19 jupyter-darganius	jupyter-darganius	4096 Mar 23
	drwxr-x 7 jupyter-nuray.serkali 17:09 jupyter-nuray.serkali	jupyter-nuray.serkali	4096 Mar 19
	drwxr-x 7 jupyter-nurike 04:56 jupyter-nurike	jupyter-nurike	4096 Mar 24
	drwxr-x 8 jupyter-admin 16:35 jupyter-admin	jupyter-admin	4096 Apr 9
	drwxr-x 8 jupyter-aizadait 01:17 jupyter-aizadait	jupyter-aizadait	4096 Mar 28
	drwxr-x 8 jupyter-aruzhan149 19:13 jupyter-aruzhan149	jupyter-aruzhan149	4096 Apr 12
	drwxr-x 8 jupyter-nurlaura 00:09 jupyter-nurlaura	jupyter-nurlaura	4096 Mar 28
	drwxr-x 8 jupyter-zhanelbaltabay 10:22 jupyter-zhanelbaltabay	jupyter-zhanelbaltabay	4096 Apr 4
	drwxr-x 9 jupyter-nurlaura2 14:36 jupyter-nurlaura2	jupyter-nurlaura2	4096 Apr 9
	drwxr-x 9 jupyter-tsagynysh 02:22 jupyter-tsagynysh	jupyter-tsagynysh	4096 Apr 9
	drwxr-xr-x 12 azat 01:23 azat	azat	4096 Mar 18
[12]:	ls -1 /home tail -n -2 sort		
	drwxr-x 12 jupyter-zhannaspace 18:17 jupyter-zhannaspace	jupyter-zhannaspace	4096 Apr 10
	drwxr-x 8 jupyter-zhanelbaltabay 10:22 jupyter-zhanelbaltabay	jupyter-zhanelbaltabay	4096 Apr 4
[13]:	ls -1 /home tail -n -2		
	drwxr-x 8 jupyter-zhanelbaltabay 10:22 jupyter-zhanelbaltabay	jupyter-zhanelbaltabay	4096 Apr 4
	drwxr-x 12 jupyter-zhannaspace 18:17 jupyter-zhannaspace	jupyter-zhannaspace	4096 Apr 10
[14]:	ls -1 /home tail -2		
	drwxr-x 8 jupyter-zhanelbaltabay 10:22 jupyter-zhanelbaltabay	jupyter-zhanelbaltabay	4096 Apr 4
	drwxr-x 12 jupyter-zhannaspace 18:17 jupyter-zhannaspace	jupyter-zhannaspace	4096 Apr 10
[15]:	ls -1 /home tail -n +2		

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

	drwxr-x 9 jupyter-tsagynysh 02:22 jupyter-tsagynysh	jupyter-tsagynysh	4096	Apr	9
	drwxr-x 15 jupyter-unisat 17:10 jupyter-unisat	jupyter-unisat	4096	Apr	2
	drwxr-x 13 jupyter-unisatkz 13:22 jupyter-unisatkz	jupyter-unisatkz	4096	Apr	11
	drwxr-x 4 jupyter-yeldana 16:17 jupyter-yeldana	jupyter-yeldana	4096	Mar	23
	drwxr-x 5 jupyter-zhandos 12:19 jupyter-zhandos	jupyter-zhandos	4096	Mar	23
	drwxr-x 8 jupyter-zhanelbaltabay 10:22 jupyter-zhanelbaltabay	jupyter-zhanelbaltabay	4096	Apr	4
	drwxr-x 12 jupyter-zhannaspace 18:17 jupyter-zhannaspace	jupyter-zhannaspace	4096	Apr	10
[16]:	ls -l /home tail -n +10				
	drwxr-x 8 jupyter-aruzhan149 19:13 jupyter-aruzhan149	jupyter-aruzhan149	4096	Apr	12
	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	Jupy cer azat	1000	nai	20
	drwxr-x 11 jupyter-cubefiction	jupyter-cubefiction	4096	Apr	9
	17:01 jupyter-cubefiction	3 17		1	
	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	innert on Irlandh	1006	A	0
	drwxr-x 11 jupyter-kkenzh 18:49 jupyter-kkenzh	jupyter-kkenzh	4096	Apr	9
	drwxr-x 10 jupyter-nazymungarova	jupyter-nazymungarova	4096	Δnr	8
	16:03 jupyter-nazymungarova	Jupy ter nazymungarova	4030	ирг	O
	drwxr-x 7 jupyter-nuray.serkali	jupyter-nuray.serkali	4096	Mar	19
	17:09 jupyter-nuray.serkali	Jupy 001 ay 000	1000		
	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		4	_	•
	drwxr-x 11 jupyter-orissim	jupyter-orissim	4096	Apr	8

```
23:57 jupyter-orissim
     drwxr-x--- 9 jupyter-tsagynysh
                                                                      4096 Apr 9
                                            jupyter-tsagynysh
     02:22 jupyter-tsagynysh
     drwxr-x--- 15 jupyter-unisat
                                            jupyter-unisat
                                                                      4096 Apr 2
     17:10 jupyter-unisat
     drwxr-x--- 13 jupyter-unisatkz
                                                                      4096 Apr 11
                                            jupyter-unisatkz
     13:22 jupyter-unisatkz
     drwxr-x--- 4 jupyter-yeldana
                                            jupyter-yeldana
                                                                      4096 Mar 23
     16:17 jupyter-yeldana
     drwxr-x--- 5 jupyter-zhandos
                                                                      4096 Mar 23
                                            jupyter-zhandos
     12:19 jupyter-zhandos
     drwxr-x--- 8 jupyter-zhanelbaltabay
                                                                      4096 Apr 4
                                            jupyter-zhanelbaltabay
     10:22 jupyter-zhanelbaltabay
     drwxr-x--- 12 jupyter-zhannaspace
                                                                      4096 Apr 10
                                             jupyter-zhannaspace
     18:17 jupyter-zhannaspace
 []: 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
                                                                      4096 Mar 18
                                             azat
     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
                                                                     4096 Mar 23
                                            jupyter-aselleon
     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
                                                       277 Apr 14 02:47
     -rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178
     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 -1 | 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
                                                       410 Apr 15 04:31
     -rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178
     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 -1 | tail -n
```

```
[30]: ls -1 | 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
                                                         0 Apr 14 00:14 z.jpg
     -rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178
     -rw-r--r-- 1 jupyter-aiana178 jupyter-aiana178
                                                     25043 Apr 9 17:10
[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 -1 | 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
```

tail: option requires an argument -- 'n'
Try 'tail --help' for more information.

ls: write error: Broken pipe

```
-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 -1 | less
     WARNING: terminal is not fully functional
 []: ls -l ~ | grep '^....w'
 []:
```