

HW5(part 1).Aigerim

April 16, 2020

```
[1]: ls
```

```
HW1 HW2 HW3 HW4 HW4.Aigerim.ipynb HW5.Aigerim.ipynb shared
```

```
[2]: mkdir HW5
```

```
[3]: ls
```

```
HW1 HW2 HW3 HW4 HW4.Aigerim.ipynb HW5 HW5.Aigerim.ipynb shared
```

```
[4]: pwd
```

```
/home/jupyter-aigerimunisat
```

```
[5]: cd HW5
```

```
[6]: ls
```

```
HW5.Aigerim.ipynb
```

```
[7]: touch a.txt
```

```
[8]: touch b.txt  
touch a.png
```

```
[9]: ls
```

```
a.png a.txt b.txt HW5.Aigerim.ipynb
```

```
[14]: echo my name is Aigerim a.txt
```

```
my name is Aigerim a.txt
```

```
[17]: echo Altayeva Aigerim > a.txt  
echo my name is Aigerim >> a.txt
```

```
[18]: cat a.txt
```

Altayeva Aigerim
my name is Aigerim

[19]: cat b.txt

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

[20]: cat b.txt

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

```
[22]: head b.txt
```

```
Fred apples 20
Susy oranges 5
Susy oranges 5
Susy oranges 5
Mark watermellons 12
Robert pears 4
Terry oranges 9
Lisa peaches 7
Susy oranges 12
Mark grapes 39
```

```
[23]: head -20 b.txt
```

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

```
[24]: head -2 b.txt
```

```
Fred apples 20
Susy oranges 5
```

```
[25]: tail b.txt
```

```
Robert pears 4
Terry oranges 9
Lisa peaches 7
Susy oranges 12
Mark grapes 39
```

```
Mark grapes 39
Anne mangoes 7
Greg pineapples 3
Oliver rockmellons 2
Betty limes 14
```

```
[26]: tail -18 b.txt
```

```
Lisa peaches 7
Susy oranges 12
Mark grapes 39
Mark grapes 39
Anne mangoes 7
Greg pineapples 3
Oliver rockmellons 2
Betty limes 14
Robert pears 4
Terry oranges 9
Lisa peaches 7
Susy oranges 12
Mark grapes 39
Mark grapes 39
Anne mangoes 7
Greg pineapples 3
Oliver rockmellons 2
Betty limes 14
```

```
[27]: tail -5 b.txt
```

```
Mark grapes 39
Anne mangoes 7
Greg pineapples 3
Oliver rockmellons 2
Betty limes 14
```

```
[28]: sort a.txt
```

```
Altayeva Aigerim
my name is Aigerim
```

```
[29]: sort b.txt
```

```
Anne mangoes 7
Anne mangoes 7
Betty limes 14
Betty limes 14
Fred apples 20
Greg pineapples 3
```

Greg pineapples 3
Lisa peaches 7
Lisa peaches 7
Mark grapes 39
Mark grapes 39
Mark grapes 39
Mark grapes 39
Mark watermellons 12
Oliver rockmellons 2
Oliver rockmellons 2
Robert pears 4
Robert pears 4
Susy oranges 12
Susy oranges 12
Susy oranges 5
Susy oranges 5
Susy oranges 5
Terry oranges 9
Terry oranges 9

[30]: nl a.txt

```
1 Altayeva Aigerim
2 my name is Aigerim
```

[31]: nl b.txt

```
1 Fred apples 20
2 Susy oranges 5
3 Susy oranges 5
4 Susy oranges 5
5 Mark watermellons 12
6 Robert pears 4
7 Terry oranges 9
8 Lisa peaches 7
9 Susy oranges 12
10 Mark grapes 39
11 Mark grapes 39
12 Anne mangoes 7
13 Greg pineapples 3
14 Oliver rockmellons 2
15 Betty limes 14
16 Robert pears 4
17 Terry oranges 9
18 Lisa peaches 7
19 Susy oranges 12
20 Mark grapes 39
21 Mark grapes 39
```

```
22 Anne mangoes 7
23 Greg pineapples 3
24 Oliver rockmellons 2
25 Betty limes 14
```

```
[33]: nl -s '.' a.txt
```

```
1.Altayeva Aigerim
2.my name is Aigerim
```

```
[37]: nl -s ')' ' -w 15 b.txt
```

```
1) Fred apples 20
2) Susy oranges 5
3) Susy oranges 5
4) Susy oranges 5
5) Mark watermellons 12
6) Robert pears 4
7) Terry oranges 9
8) Lisa peaches 7
9) Susy oranges 12
10) Mark grapes 39
11) Mark grapes 39
12) Anne mangoes 7
13) Greg pineapples 3
14) Oliver rockmellons 2
15) Betty limes 14
16) Robert pears 4
17) Terry oranges 9
18) Lisa peaches 7
19) Susy oranges 12
20) Mark grapes 39
21) Mark grapes 39
22) Anne mangoes 7
23) Greg pineapples 3
24) Oliver rockmellons 2
25) Betty limes 14
```

```
[38]: nl -s '* ' -w 10 a.txt
```

```
1* Altayeva Aigerim
2* my name is Aigerim
```

```
[39]: cut -f 1 -d ' ' b.txt
```

```
Fred
Susy
Susy
```

Susy
Mark
Robert
Terry
Lisa
Susy
Mark
Mark
Anne
Greg
Oliver
Betty
Robert
Terry
Lisa
Susy
Mark
Mark
Anne
Greg
Oliver
Betty

```
[40]: cut -f 1,2 -d ' ' b.txt
```

Fred apples
Susy oranges
Susy oranges
Susy oranges
Mark watermellons
Robert pears
Terry oranges
Lisa peaches
Susy oranges
Mark grapes
Mark grapes
Anne mangoes
Greg pineapples
Oliver rockmellons
Betty limes
Robert pears
Terry oranges
Lisa peaches
Susy oranges
Mark grapes
Mark grapes
Anne mangoes
Greg pineapples

```
Oliver rockmellons
Betty limes
```

```
[41]: wc b.txt
```

```
24  75 402 b.txt
```

```
[42]: wc -l b.txt
```

```
24 b.txt
```

```
[43]: wc -c b.txt
```

```
402 b.txt
```

```
[44]: wc -l b.txt
```

```
24 b.txt
```

```
[45]: wc a.txt
```

```
2  6 36 a.txt
```

```
[46]: whoami
```

```
jupyter-aigerimunisat
```

```
[47]: cat a.txt
```

```
Altayeva Aigerim
my name is Aigerim
```

```
[48]: tac a.txt
```

```
my name is Aigerim
Altayeva Aigerim
```

```
[49]: cat b.txt
```

```
Fred apples 20
Susy oranges 5
Susy oranges 5
Susy oranges 5
Mark watermellons 12
Robert pears 4
Terry oranges 9
Lisa peaches 7
Susy oranges 12
Mark grapes 39
```



```
Mark grapes 39
Anne mangoes 7
Greg pineapples 3
Oliver rockmellons 2
Betty limes 14
Robert pears 4
Terry oranges 9
Lisa peaches 7
Susy oranges 12
Mark grapes 39
Mark grapes 39
Anne mangoes 7
Greg pineapples 3
Oliver rockmellons 2
Betty limes 14
```

```
[50]: tac b.txt
```

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

```
[56]: cat a.txt
      head -1 a.txt
```

```
Altayeva Aigerim
my name is Aigerim
```

Altayeva Aigerim

[59]: `#egrep command, regular expression`

[]:

[]:

[]: