Leila homework 4

April 4, 2020

```
[1]: cd
```

```
[2]: pwd
```

```
/home/jupyter-official-nanakai
```

```
[3]: touch Leila.txt
```

```
[4]: touch Sheila.txt
```

```
[5]: touch Veila.txt
```

```
[6]: ls ?eila
```

```
Leila_resume        'Leila_USK_01_file(2ns and 3rd assignment).ipynb'
Leila_Resume         Untitled.ipynb
Leila_resume.txt
```

```
[7]: ls *eila
```

```
Leila_resume        'Leila_USK_01_file(2ns and 3rd assignment).ipynb'
Leila_Resume         Untitled.ipynb
Leila_resume.txt
```

```
[8]: ls *.txt
```

```
Leila.txt   Sheila.txt   Veila.txt
```

```
[9]: touch Laila.txt
```

```
[10]: ls L*ila.txt
```

```
Laila.txt   Leila.txt
```

```
[11]: ls *ila.txt
```

```
Laila.txt   Leila.txt   Sheila.txt   Veila.txt
```

```
[13]: ls [1-2].txt
```

ls: cannot access '[1-2].txt': No such file or directory

```
[14]: ls [A-Z].txt
```

ls: cannot access '[A-Z].txt': No such file or directory

```
[15]: touch 1.jpg
```

```
[16]: touch 5.jpg
```

```
[17]: ls [1-2].jpg
```

1.jpg

```
[18]: ls [1-20].jpg
```

1.jpg

```
[19]: ls [1-5].jpg
```

1.jpg 5.jpg

```
[1]: ls [L]
```

ls: cannot access '[L]': No such file or directory

```
[2]: ls [L*, Sh*].txt
```

ls: cannot access '[L*,': No such file or directory
ls: cannot access 'Sh*].txt': No such file or directory

```
[3]: ls [L*].txt
```

ls: cannot access '[L*].txt': No such file or directory

```
[4]: ls [A-Z]*.txt
```

Laila.txt Leila.txt Sheila.txt Veila.txt

```
[5]: touch qazaq.mp3

[6]: touch qazaq.png

[7]: touch qazaq.dio

[8]: touch kyrgyz.png

[9]: ls *.[png]

     ls: cannot access '*.[png]': No such file or directory


[10]: ls *.png

      kyrgyz.png   qazaq.png

[11]: ls -al/home/*/unisat

      ls: invalid option -- '/'
      Try 'ls --help' for more information.


[12]: ls /home/jupyter-o*

      /home/jupyter-official-nanakai:
       1.jpg                    Leila.txt                   Untitled2.ipynb
       5.jpg                    'logicheskie operatsii.ipynb'   Untitled3.ipynb
      'homework 2.ipynb'        nanakai                     Untitled4.ipynb
       homework2python.ipynb    qazaq.dio                   untitled.dio
      'hw Leila.dio'            qazaq.mp3                   Untitled.ipynb
      'Katya h m .ipynb'        qazaq.png                   untitled.svg
       kyrgyz.png               shared                      Veila.txt
       Laila.txt                Sheila.txt
       Leila                    Untitled1.ipynb
      ls: cannot open directory '/home/jupyter-orissim': Permission denied


[13]: touch qazaq

[16]: ls -/qazaq

      ls: invalid option -- '/'
      Try 'ls --help' for more information.
```

```
[17]: ls -l qazaq
```

```
-rw-r--r-- 1 jupyter-official-nanakai jupyter-official-nanakai 0 Apr  3 22:21
qazaq
```

```
[18]: chmod u+w qazaq
```

```
[19]: ls -l qazaq
```

```
-rw-r--r-- 1 jupyter-official-nanakai jupyter-official-nanakai 0 Apr  3 22:21
qazaq
```

```
[20]: chmod g+w qazaq
```

```
[21]: ls -l qazaq
```

```
-rw-rw-r-- 1 jupyter-official-nanakai jupyter-official-nanakai 0 Apr  3 22:21
qazaq
```

```
[22]: chmod o+wx qazaq
```

```
[23]: ls -l qazaq
```

```
-rw-rw-rwx 1 jupyter-official-nanakai jupyter-official-nanakai 0 Apr  3 22:21
qazaq
```

```
[24]: chmod u+x g+x qazaq
```

```
chmod: cannot access 'g+x': No such file or directory
```

```
[25]: chmod g+x qazaq
```

```
[26]: chmod u+x qazaq
```

```
[27]: ls -l qazaq
```

```
-rwxrwxrwx 1 jupyter-official-nanakai jupyter-official-nanakai 0 Apr  3 22:21
qazaq
```

```
[28]: chmod g-rwx qazaq
```

```
[29]: chmod o-rwx qazaq
```

```
[30]: ls -l qazaq
```

```
-rwx------ 1 jupyter-official-nanakai jupyter-official-nanakai 0 Apr  3 22:21
qazaq
```

```
# Task - 1. Define problems that can be solved by commands of Bash (Unix).
# Let us consider we need to create a folder or any file without getting out
 ↪from the file/folder.
# We can use commands like touch [name with extension or without extension] to
 ↪create files or mkdir [name] to create folder


#NEXT THING THAT CAN BE SOLVED WITH COMMON BASIC COMMANDS IS cd and pwd
 ↪commands.
# This can help you to go to home directory or other directories without
 ↪looking through inside of dozens of files.
#and pwd command can always show you your destination at current moment


#Then when you are ready with your files and destination, you can use commands
 ↪to find needed files/directories by using wild cards
#we have 4 types that are known for us: ^ [not], ? [only single missed
 ↪character], * [a lot of characters are missed] and
#square brackets [which starts with this things inside of the bracket] (f.e.
 ↪[1-2].png can find all png files with 1 or/and 2 name)


#After you can find your files you will need to process the permission, which
 ↪stands for giving rights to Read, Write and Execute
#There are 3 owners of files and directories: you - user, group and others.
#User is only you [u], group is the users inside of server[g], other [o] is
 ↪random people within and outside of group.
#You can use chmod [which owner: u, g or o]+(which stands for adding)/-(which
 ↪stands for denying) [where we use r-read, w-write, x-execute]
#example: chmod u-wx where the answer will be given that thess processes will
 ↪be denied.
```