



```
andrey@andrey-VirtualBox:~$ python3 -m venv v1
andrey@andrey-VirtualBox:~$ ls
v1  v10  Видео  Документы  Загрузки  Изображения  Музыка  Общедоступные  'Рабочий стол'  Шаблоны
andrey@andrey-VirtualBox:~$ cd v1
andrey@andrey-VirtualBox:~/v1$ ls
bin  include  lib  lib64  pyvenv.cfg  share
andrey@andrey-VirtualBox:~/v1$ cd bin
andrey@andrey-VirtualBox:~/v1/bin$ source activate
(v1) andrey@andrey-VirtualBox:~/v1/bin$ pip install requests
(v1) andrey@andrey-VirtualBox:~/v1/bin$ pip install jupyter
Collecting jupyter
(v1) andrey@andrey-VirtualBox:~/v1/bin$ jupyter notebook
[I 13:35:43.526 NotebookApp] Запись пароля cookie сервера блокнота в /home/andrey/.local/share/jupyter/runtime/notebook_cookie_secret
[I 13:35:43.667 NotebookApp] Обслуживание блокнотов из локального каталога: /home/andrey/v1/bin
[I 13:35:43.667 NotebookApp] Jupyter Notebook 6.1.5 is running at:
[I 13:35:43.667 NotebookApp] http://localhost:8888/?token=5d0e7f58c4785aff45ca76c249d095e4f021dab428ceb611
[I 13:35:43.667 NotebookApp] or http://127.0.0.1:8888/?token=5d0e7f58c4785aff45ca76c249d095e4f021dab428ceb611
[I 13:35:43.667 NotebookApp] Используйте Control-C, для остановки этого сервера и выключения всех ядер (дважды, что бы пропустить подтверждение).
[C 13:35:43.742 NotebookApp]

To access the notebook, open this file in a browser:
    file:///home/andrey/.local/share/jupyter/runtime/nbserver-2087-open.html
Or copy and paste one of these URLs:
    http://localhost:8888/?token=5d0e7f58c4785aff45ca76c249d095e4f021dab428ceb611
    or http://127.0.0.1:8888/?token=5d0e7f58c4785aff45ca76c249d095e4f021dab428ceb611
```

```
andrey@andrey-VirtualBox: ~/v1/bin
df85342a7b9b4eec811fa0cab348250e
[I 13:40:47.205 NotebookApp] Kernel restarted: 1fd815a6-fe78-4d55-9f79-63051fec6bfb
[I 13:40:47.238 NotebookApp] Restoring connection for 1fd815a6-fe78-4d55-9f79-63051fec6bfb:df85342a7b9b4eec811fa0cab348250e
[I 13:41:11.899 NotebookApp] Saving file at /laba7.ipynb
[I 13:41:19.003 NotebookApp] Saving file at /laba7.ipynb
[I 13:41:28.781 NotebookApp] Writing 21581 bytes to notebook.tex
[I 13:41:28.781 NotebookApp] Building PDF
[E 13:41:28.781 NotebookApp] nbconvert failed: xelatex not found on PATH, if you have not installed xelatex you may need to do so. Find further instructions at https://nbconvert.readthedocs.io/en/latest/install.html#installing-tex.
Traceback (most recent call last):
  File "/home/andrey/v1/lib/python3.8/site-packages/notebook/nbconvert/handlers.py", line 130, in get
    output, resources = exporter.from_notebook_node(
  File "/home/andrey/v1/lib/python3.8/site-packages/nbconvert/exporters/pdf.py", line 183, in from_notebook_node
    self.run_latex(tex_file)
  File "/home/andrey/v1/lib/python3.8/site-packages/nbconvert/exporters/pdf.py", line 153, in run_latex
    return self.run_command(self.latex_command, filename,
  File "/home/andrey/v1/lib/python3.8/site-packages/nbconvert/exporters/pdf.py", line 110, in run_command
    raise OSError("{formatter} not found on PATH, if you have not installed "
OSError: xelatex not found on PATH, if you have not installed xelatex you may need to
Терминал nd further instructions at https://nbconvert.readthedocs.io/en/latest/install.html#installing-tex.
[W 13:41:28.782 NotebookApp] 500 GET /nbconvert/pdf/laba7.ipynb?download=true (127.0.0.1)
: nbconvert failed: xelatex not found on PATH, if you have not installed xelatex you may need to do so. Find further instructions at https://nbconvert.readthedocs.io/en/latest/install.html#installing-tex.
[E 13:41:28.791 NotebookApp] {
  "Host": "127.0.0.1:8888",
  "User-Agent": "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:82.0) Gecko/20100101 Firefox/82.0",
  "Accept": "text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8",
  "Accept-Language": "ru-RU,ru;q=0.8,en-US;q=0.5,en;q=0.3",
  "Accept-Encoding": "gzip, deflate",
  "Connection": "keep-alive",
  "Referer": "http://127.0.0.1:8888/notebooks/laba7.ipynb",
  "Cookie": "username-127-0-0-1-8888=\"2|1:0|10:1605519420|23:username-127-0-0-1-8888|44:MjAxMGNmYWJjM2QzNDAYzg2Y2IwZGFiMDViMTU2ZGQ=|53653fd780bab7b2f081820bf24767bc3083ef14234528216e7016d365b6a877\\"; _xsrf=2|e194cf9c|2b4fe138cbf6536b3a5579360144f41c|1605519420"
}
"Upgrade-Insecure-Requests": "1"
}
[E 13:41:28.792 NotebookApp] 500 GET /nbconvert/pdf/laba7.ipynb?download=true (127.0.0.1)
305.42ms referer=http://127.0.0.1:8888/notebooks/laba7.ipynb
```

Home Page - Select or cr X lab7 - Jupyter Notebool X +

127.0.0.1:8888/notebooks/laba7.ipynb# ... ☆

jupyter lab7 (автосохранение)

Разлогиниться

Доверенный Python 3

Файл Редактировать Вид Вставка Ячейка Ядро Widgets Справка

Запуск Код

```
B [1]: print("Whats your name?")
s = input()
print("How old are you?")
a = int(input())
print("Hello", s, "years old = ", a)
```

Whats your name?  
Andrey  
How old are you?  
19  
Hello Andrey years old = 19

```
Выключить этот сервер блокнотов (д/[н])? ^C[C 13:48:08.605 NotebookApp] получен сигнал 2,  
остановка  
[I 13:48:08.606 NotebookApp] Shutting down 1 kernel  
[I 13:48:08.908 NotebookApp] Kernel shutdown: 1fd815a6-fe78-4d55-9f79-63051fec6bfb  
[I 13:48:08.909 NotebookApp] Shutting down 0 terminals  
(v1) andrey@andrey-VirtualBox:~/v1/bin$ deactivate  
andrey@andrey-VirtualBox:~/v1/bin$
```